

**GOVERNMENT OF ODISHA**  
**PANCHAYATI RAJ DEPARTMENT**



**OFFICE OF THE PANCHAYAT SAMITI, NAKTIDEUL**  
**DIST :- SAMBALPUR**

# GOVERNMENT OF ODISHA

OFFICE OF THE BLOCK DEVELOPMENT OFFICER, NAKTIDEUL, SAMBALPUR

E-mail - [ori-naktideul@ndc.in](mailto:ori-naktideul@ndc.in)  
INVITATIONS FOR BIDS (I.F.B.)

BID IDENTIFICATION No. P.S/NKT/SBP/DEV/04/2023-24

Letter No. 567 /Dated. 07.02.2024

The Block Development Officer, Naktideul, Sambalpur on behalf of Governor of Odisha invites **Percentage Rate bids in Double cover system/Single cover System (Which ever applicable)** for the construction of works as detailed in the table, from the class of eligible contractors as mentioned in column-5 (five) registered with the State Governments and Contractors of equivalent Grades /Class Registered with Central Government / MES / Railways for execution of Building Works .The proof of registration from the appropriate authority shall be enclosed along with the Bid. If successful, the bidder who has not registered under state government has to register under the state PWD in appropriate class of eligibility before signing of the agreement.

Sl No	Name of the work	Amount put to Tender	Period of completion	Class of contractor	Bid security	Cost of document	Last date & time of receipt of Bids
1	2	3	4	5	6	7	8
1	Construction of New PHC Hospital Building at Girischandrapur under Naktideul Block.	Rs. 69.78748 Lakhs	06 (SIX) Calendar months	"B" Class	1% of Tender Value	Rs. 10,000/-	21.02.2024 Up to 16:00 Hrs
2	Construction of Daycare sub Center Cum Health and Wellness Center at Jamujori under Naktideul Block	Rs. 33.75004 Lakhs	05 (FIVE) Calendar months	"B" Class & "C" Class	1% of Tender Value	Rs. 6,000/-	21.02.2024 Up to 16:00 Hrs
3	Construction of Daycare sub Center Cum Health and Wellness Center at Ballam under Naktideul Block	Rs. 33.74349 Lakhs	05 (FIVE) Calendar months	"B" Class & "C" Class	1% of Tender Value	Rs. 6,000/-	21.02.2024 Up to 16:00 Hrs
4	Construction of three nos of E-Type Staff quarters at Naktideul Block Campus.	Rs. 23.56894 Lakhs	05 (FIVE) Calendar months	"B" Class & "C" Class	1% of Tender Value	Rs. 6,000/-	21.02.2024 Up to 16:00 Hrs
5	Repair and Maintenance of 100 seated ST girls and General Boys Hostel of Chhatrapur Ashram School under Naktideul Block	Rs. 11.75674 Lakhs	05 (FIVE) Calendar months	"C" Class & "D" Class	1% of Tender Value	Rs. 6,000/-	21.02.2024 Up to 16:00 Hrs
6	Completion of Mukhya Mantri Sabha Ghar at Jagannathprasad, Naktideul	Rs. 27.95985 Lakhs	05 (FIVE) Calendar months	"B" Class & "C" Class	1% of Tender Value	Rs. 6,000/-	21.02.2024 Up to 16:00 Hrs

## Terms & Conditions:-

1) Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms & conditions of contract and other necessary documents will be available in the office of the undersigned during office hours every day except on Sundays & Public holidays till last date of sale and receipt of tender paper. The sale of the Bid document shall start from Dt-08/02/2024 to Dt-17/02/2024 during **11.00 A.M to 4.00 PM except on Sundays & Public holidays.**

**The Tender paper shall be submitted in sealed cover Super scribing the Name of the Work & shall contain signed DTCN (in each page), Self Attested copies of i) Registration Certificate, ii) Aadhaar Card, iii) Pan Card, iv) GST Registration, v) GST Clearance Certificate, vi) No relation Certificate, vii) Original Affidavit regarding authentication of documents of Tender Notice and other documents required as per the relevant clauses of the DTCN (as per the check list attached), Tender paper cost in shape of Bank draft or Demand Draft drawn in favour of Block Development Officer, Naktideul and required amount of EMD in shape of Bank Deposit receipt of any Nationalized Bank duly pledged in favour of Block Development Officer, Naktideul without which, Bid will not be Considered. Submission of the documents as per the checklist is mandatory, failing which the Bids are liable to be rejected. The Tenderers are required to send their Tender papers through **Registered Post / Speed Post only** to the **Block Development Officer, Naktideul, At/Post- Naktideul, Dist - Sambalpur, Pin - 768118**, so as to reach this Office by **Dt-21/02/2024** within **4.00 PM** after which no Bid will be considered. The Bids **received late** will not be opened. The Authority will not be held responsible for the Postal delay if any or non-receipt of the Tender Documents in time.**

2) The Bids received will be **opened on date-23/02/2024 at 11.00 AM** in the Office of the Block Development Officer, Naktideul in presence of the Bidders or their Authorized representatives wish to attend. If the Office happens to be closed on the date of receipt/ opening of the Bids as specified, the Bids will be received/opened on the next working day on the same time and Venue.

3) Detail information as contained in the DTCN shall have to be strictly adhere to while submitting the Tender papers.

4) Engineer Contractor desirous to avail the facility of exemption of EMD is required to submit an Affidavit in original to the effect that, he has not yet availed the facility for more than three works during the current financial year. The name of work for which and the Authority to which the Tender is being submitted must be mentioned in the Affidavit.

5) Any Tenderer desirous to avail any facility as per certain circular/ order of Govt. have to apply for the same in shape of an Affidavit along with the Tender paper. Claim at the time of opening of Tender or later will not be entertained. Bid documents can be purchased from this Agency on payment of the tender cost mentioned against the work in **Col. 7** in shape of **Demand Draft** drawn in favour of **Block Development Officer, Naktideul** payable at Naktideul from any Nationalized Scheduled Bank towards cost of tender paper. This is non-refundable. The tender documents can be downloaded from district website <http://sambalpur.nic.in> on payment of tender cost of Rs.6,000/- (Rupees Six Thousand) only for each set-in shape of Demand Draft in favour of Block Development Officer, Naktideul and submit the Demand Draft in a separate envelope marked **.COST OF TENDER DOCUMENT DOWNLOADED FROM INTERNET"** along with the tender.

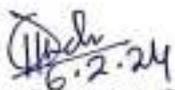
6) If any of the interesting Bidders wish to withdraw from participation in the Bid he/she can freely withdraw from the participation before scheduled date and time of closure, failing which action has deemed fit as per relevant Codal practice will be taken against him/ her.

7) Amendment to para 3.5.5 (V) of OPWD Code Volume-I by inclusion Additional Performance Security (APS) shall be obtained from the Bidders when the Bid amount is less than estimated cost put to tender. In such an event, only the successful Bidder who has quoted less Bid price rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance Security ( APS ) in shape of term deposit receipt pledged in favour of Divisional Officer/Bank Guarantee in favour of the Divisional Officer in any Nationalised /Scheduled bank in India counter guaranteed by its local branch at Bhubaneswar within seven days of issue of letter of acceptance ( LOA ) by the Divisional Officer ( by E-mail ) to the successful Bidder

otherwise the Bid of the Successful Bidder shall be cancelled and the earnest money deposit/Bid security shall be forfeited. Further proceeding for blacklisting shall be initiated against the Bidder as per Works Department Office Memorandum No 14459/ dated 20.09.2018.

- 8) The ST/SC contractor desires to avail price preference are required to submit an affidavit.
- 9) The name of work for which and the authority to which the tender is being submitted must be mentioned in the affidavit failing which the tender will be rejected.
- 10) Any corrigendum / Addendum will be displayed in the website <http://sambalpur.nic.in> only.
- 11) If after opening of the Tender, it is seen that, the Tender has to be decided through a transparent lottery system, then the lottery date will be intimated through Office Notice Board .The lottery will be held even if no bidder has come in front of the Tender Opening Committee.
- 12) The work should be completed within the stipulated period of completion and in no case the time extension will be allowed except the reasons not attributed to the contractors.
- 13) The Authority reserves the right to reject any or all the Bids without assigning any reason thereof. On review of last performance of the work executed through B.D.O. Naktideul, the lowest-1 tender may/ may not be considered for the works though he/she becomes lowest-1 bidder.
- 14).CGST& SGST will be paid beyond the Tender cost as applicable. All other detailed clauses / guidelines can be seen in the Bid documents.
- 15) Bid documents consisting of plans, specification, the schedule of quantities and the set of terms & conditions of contract and other necessary documents can be seen in the office of the undersigned during office hours every day except on Sundays & Public holidays till last date of sale and receipt of tender paper.

The Bid documents will also be available in the district website <http://sambalpur.nic.in>  
E-Mail: [ori-Naktideule@nic.in](mailto:ori-Naktideule@nic.in), Phone No .06644 -253061.

  
6.2.24  
Block Development Officer,  
Naktideul

**Memo No. 568/ Dated 07.02.2024**

Copy submitted to the Deputy Director and Deputy Secretary to Government of Odisha, I & P.R. Department, Odisha, Bhubaneswar with a request to get it published in two leading Oriya Daily and one no of Local English Daily News Paper with minimum space at an early date for wide circulation of the Tender Call Notice. Complimentary copy of the News Papers containing the Tender Call Notice may be sent to this office for reference and record.

  
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Block Development Officer,  
Naktideul

**Memo No. 569 / dtd. 07.02.2024**

Copy along with soft copy of the notice submitted to the D.I.O., NIC, Sambalpur with a request to display the Tender call Notice and Tender document in the Web-site till **04.00 PM** hours of dt **17/02/2024**.

**Encl:-Soft copy 1 no.**

  
6.2.24  
Block Development Officer,  
Naktideul

**Memo No. 570 / dtd. 07.02.2024**

Copy submitted to the Revenue Divisional Commissioner (Northern Division), Sambalpur/ Collector & District Magistrate, Sambalpur/ Superintendent of Police, Sambalpur/ President, Zilla Parishad, Sambalpur / CDO-cum-EO, Zilla Parishad, Sambalpur/ Sub-Collector, Rairakhol for information and necessary action.

  
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Block Development Officer,  
Naktideul

**Memo No. 571 / dtd. 07.02.2024**

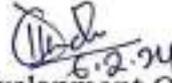
Copy submitted to the Addl. PD (Tech), Zilla Parishad, Sambalpur for information and necessary action.

  
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Block Development Officer,  
Naktideul

**Memo No. 572 / dtd. 07.02.2024**

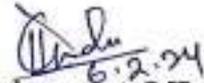
Copy to the Executive Engineer R&B Division, Sambalpur/ R.W.S.S. Division, Sambalpur/ N.H. Division, Sambalpur/ R.W. Division, Sambalpur/ P.H. Division, Sambalpur/ Sambalpur Irrigation Division, Burla/ Minor Irrigation Division, Sambalpur/ L.I. Division, Sambalpur & All Block Development Officers of Sambalpur for information and wide circulation.

  
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Block Development Officer,  
Naktideul

**Memo No. 573 / dtd. 07.02.2024**

Copy to Notice Board of Block Office, Naktideul for wide circulation

  
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Block Development Officer,  
Naktideul

**CHECKLIST TO BE SUBMITTED BY THE BIDDER**

Sl. No	Particulars	Whether furnished		Reference to Page no.
		Yes	No	
01.	Cost of tender paper ₹...../-			
02.	<b>E.M.D</b> for ₹...../- Copy of financial Instrument shall be furnished)			
	<b>Or</b> E.M.D for ₹...../- deploying machineries outside the State			
03.	Copy of valid Registration Certificate			
04.	Copy of valid GST Registration Certificate			
05.	Copy of valid GSTN clearance certificate			
06.	Copy of PAN Card			
07.	Copy of Aadhaar Card			
08.	No Relationship Certificate in Schedule – A			
09.	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the tenderer (Schedule-E)			
10.	Affidavit (Schedule-F)			
11.	Undertaking in Schedule- I			
12.	Tools & Plants and machineries as per the requirement in Schedule-C (Minimum 80% marks to be obtained) and <b>Annexure-I</b> (Proof of ownership of Tools & Plants and machineries is to be furnished in shape of copy of invoices /required sale deed in case of 2 <sup>nd</sup> purchase/required lease deed with owner ship documents of the leaser duly attested. In case of centering & shuttering materials certificate of the Executive Engineer of Works Department within 90 days of last date of receipt of tender is allowed.			
13	Copy of Caste Certificate ( in case of SC/ST) intending to avail exemption			

**\*Submission of the above documents is mandatory.**

**List of Plants & Equipments to be deployed on contract work**

Sl. No	Type of Equipments	No. of machines required	Marks	
1	Concrete mixer	1No	20	
2	Concrete Vibrator : Plate type	1No	10	
3	Concrete Vibrator : Needle type	1No	10	
4	Water Tanker	1No	10	
5	Water pump	1No	05	
6	Truck/ Tipper	1No	10	
7	Tractor	1No	10	
8.	Rigid Centering and Shuttering Plates (Steel/Iron)	200 Sqm	25	
		<b>Total</b>	<b>100</b>	

*[Signature]*  
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## CONTRACT DATA

### A. GENERAL INFORMATIONS

Sl No	Item	Details
1	<b>Bid Identification No.</b>	<b>NAKTIDEUL/ P2/2023-24</b>
2	Name of the Work (Tick as required)	1. Construction of New PHC Hospital Building at Girischandrapur under Naktideul Block. 2. Construction of Daycare sub Center Cum Health and Wellness Center at Jamujori under Naktideul Block. 3. Construction of Daycare sub Center Cum Health and Wellness Center at Ballam under Naktideul Block. 4. Construction of three nos of E- Type Staff quarters at Naktideul Block Campus. 5. Repair and Maintenance of 100 seated ST girls and General Boys Hostel of Chhatrapur Ashram School under Naktideul Block. 6. Completion of Mukhya Mantri Sabha Ghar at Jagannathprasad, Naktideul.
3	Officer Inviting Tender	Block Development Officer, Naktideul
4	Executive Engineer authorized as Engineer-in-charge of work.	Addl. Project Director(Tech), Zilla Parisad, Sambalpur
5	Amount put to tender	<b>Rs.69,78,751/- (With out GST)</b> <b>Rs.33,75,004/- (With out GST)</b> <b>Rs.33,74,349/- (With out GST)</b> <b>Rs.23,56,894/- (With out GST)</b> <b>Rs.11,75,674/- (With out GST)</b> <b>Rs.27,95,985/- (With out GST)</b>

### B. BID INFORMATION

6	Intended completion period/Time period assigned for Completion	Six Calendar Months	
7	Last Date & time of submission of Bid	4.00 PM Date-21/02/2024	
8	Cost of Bid Document		
	i	Bank draft amount separately ( Cost of tender paper )	Rs.10,000/- (For Sl No.01) Rs. 6,000/- (For Sl No.02 to 06)
	ii	Downloaded from website	Rs.10,000/- (For Sl No.01) Rs. 6,000/- (For Sl No.02 to 06)
	iii	in favour of	Block Development Officer, Naktideul
iv	payable at	Naktideul	
9	Bid Security		
	i	Amount	<b>Rs.69,787/-</b> <b>Rs.33,750/-</b> <b>Rs.33,743/-</b> <b>Rs.23,569/-</b> <b>Rs.11,757/-</b> <b>Rs.27,960/-</b>
	ii	in favour of	Block Development Officer, Naktideul
	iii	payable at	Naktideul
iv	Type of instrument	As specified in the bid document	

10	Bid validity period	90 days
11	Minimum period of contract / agreement / lease deed of equipment and machineries	12 (Twelve) Months
12	Currency of payment for Contract	Indian Rupee
13	Language of Contract	English

**DETAILED TENDER CALL NOTICE**

The Block Development Officer, Naktideul, Sambalpur on behalf of Governor of Odisha invites **percentage rate Bids** in sealed cover for the following work from class of eligible contractors as mentioned in column -9 ( nine ) registered with the State Governments having validity of Civil License and Contractors of equivalent grades/ Class registered with Central Govt. / MES/Railways and other State Governments having validity of Civil license for Execution of **Buildings**. The proof of registration from the appropriate Authority shall be enclosed with the Bid . The eligible contractors of the state PWD (R&B) / Water Resources/ M.I./ C.P.W.D. for the following work eventually to be drawn up in the **P.W.D. P1 Forms** in conformity with the Detailed Tender Call Notice. The Bidders may submit Bids for the following work.

Sl. No.	Location	Name of the Work	Estt. Cost (In Rs)	Amount put to tender (in Rs )	Cost of Tender Paper (Non-Refundable including GST) in Rs.	Bid security EMD 1% (in Rs.)	Period of completion	Class of Contractor
1	2	3	4	5	6	7	8	9
1	Girischandrapur	Construction of New PHC Hospital Building at Girischandrapur under Naktideul Block.	1,00,00,000/-	69,78,751/-	10,000/-	1% of the estimated cost	6 (Six) Calendar months	"B"
2	Jamujori	Construction of Daycare sub Center Cum Health and Wellness Center at Jamujori under Naktideul Block	46,00,000/-	33,75,004/-	6,000/-	1% of the estimated cost	05 (FIVE) Calendar months	"B" and "C"
3	Ballam	Construction of Daycare sub Center Cum Health and Wellness Center at Ballam under Naktideul Block	46,00,000/-	33,74,349/-	6,000/-	1% of the estimated cost	05 (FIVE) Calendar months	"B" and "C"
4	Naktideul	Construction of three nos of E- Type Staff quarters at Naktideul Block Campus.	28,61,000/-	23,56,894/-	6,000/-	1% of the estimated cost	05 (FIVE) Calendar months	"B" and "C"
5	Chhatrapur	Repair and Maintenance of 100 seated ST girls and General Boys Hostel of Chhatrapur Ashram School under Naktideul Block	14,00,000/-	11,75,674/-	6,000/-	1% of the estimated cost	05 (FIVE) Calendar months	"C" and "D"
6	Jagannathprasad	Completion of Mukhya Mantri Sabha Ghar at Jagannathprasad, Naktideul	37,47,700/-	27,95,985/-	6,000/-	1% of the estimated cost	05 (FIVE) Calendar months	"B" and "C"

**Terms & Conditions:-**

Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms & conditions of contract and other necessary documents will be available in the office of the undersigned during office hours every day except on Sundays & Public holidays till last date of sale and receipt of tender paper. The sale of the Bid document shall start from Dt-08/02/2024 to Dt-17/02/2024 during **11.00 A.M to 4.00 PM except on Sundays & Public holidays.**

**The Tender paper shall be submitted in sealed cover Super scribing the Name of**

8 | Contractor

  
Block Development Officer

**the Work** & shall contain signed DTCN (in each page), Self Attested copies of i) Registration Certificate, ii) Aadhaar Card, iii) Pan Card, iv) GST Registration, v) GST Clearance Certificate, vi) No relation Certificate, vii) Original Affidavit regarding authentication of documents of Tender Notice and other documents required as per the relevant clauses of the DTCN (as per the check list attached), Tender paper cost in shape of Bank draft or Demand Draft drawn in favour of Block Development Officer, Naktideul and required amount of EMD in shape of Bank Deposit receipt of any Nationalized Bank duly pledged in favour of Block Development Officer, Naktideul without which, Bid will not be Considered. **Submission of the documents as per the checklist is mandatory, failing which the Bids are liable to be rejected.** The Tenderers are required to send their Tender papers through **Registered Post / Speed Post only** to the **Block Development Officer, Naktideul, At/Post- Naktideul, Dist - Sambalpur, Pin - 768118**, so as to reach this Office by **Dt-21/02/2024** within **4.00 PM** after which no Bid will be considered. The Bids **received late** will not be opened. The Authority will not be held responsible for the Postal delay if any or non-receipt of the Tender Documents in time.

Bids must be accompanied with E.M.D. (Bid Security) of the amount specified for the work in the table **Col.6** above in shape of N.S.C./P.O.T.D / Post Office Savings Pass Book / Deposit receipt of any Scheduled Bank (Valid minimum one year from the date of receipt) duly pledged in favour of **Block Development Officer, Naktideul, Sambalpur**. Bidders desirous to hire machineries or equipments from outside of the State are required to furnish 2% of the amount put to tender as bid security instead of 1%. Bids without E.M.D. or in other shape will not be considered and liable for rejection.

**N.B:- E.M.D. in shape of Cash / Pay Orders or Bankers Cheques / Bank Draft is not acceptable.**

The sale of the Bid documents shall start from **Dt 08.02.2024. at 11.00 AM** and close on **Dt 17-02-2024 at 04.00 P.M.** Bids shall be received by this office up to **04.00 PM of 21-02-2024** through Registered Post/ Speed Post only, **Date & Time of opening 23-02-2023 at 11.00 A.M.** **Details available in DTCN. Website Address <http://sambalpur.nic.in>**

**N.B. The intending bidders who have defaulted in completing the execution of projects entrusted on them by the undersigned through tender in the last three years are not eligible to submit bids for this work.**

The Bid will be opened on **Dt 23-02-2024 at 11.00 A.M.** in the office of the undersigned in the presence of the members of the Block Level Tender/ Purchase Committee and the bidders or their authorised representative. If the office happens to be closed on the date of receipt / opening of the bids as specified, above will be received / opened on the next working day at the same time and venue.

1. The cost of Bid documents in shape of demand draft issued from any nationalized/ scheduled bank may be prepared in the name of the **Block Development Officer, Naktideul and payable at Naktideul** (amount mentioned in the DTCN at Col.6) towards cost of tender paper for each bid respectively. The online bid must be accompanied with

  
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2. Scanned copies of demand draft towards cost of tender paper. The original copy of the Demand Draft shall be submitted near the officer inviting the bid after last date and time of submission of bid but before the stipulated date and time of opening of bid.
3. The bid must be accompanied by security of the amount @ 1% (One percent) of the estimated cost put to tender rounded to nearest hundred rupees along with tender in the form of Deposit receipt of **Schedule Bank / Post Office Savings Bank Account / National Savings Certificate / Postal Office Time Deposit Account** duly pledged in favour of the **Block Development Officer, Naktideul** and payable at **Naktideul** as per the terms and conditions laid down in OGFR and in no other form. Bidder's desirous to higher machineries or equipments from outside the state or owned but deployed outside the state are required to furnish additional one (1) percent EMD / Bid Security. Tenders not accompanied with E.M.D. as specified above will not be considered. No adjustment of E.M.D. from one work to another will be entertained.

**(N.B.: -Bank Draft/Pay orders or Bankers cheque from any Nationalised banks in favour of Block Development Officer shall not be considered as E.M.D)**

4. The intending bidders are required to produce documents viz original Registration, valid GST clearance Certificate, PAN Card on the date/ within three days of opening of Bid for verification purpose in the latter stage alongwith the original documents relating to ownership and hiring of plants and machineries mentioned at **Annexure-I of Schedule-C**, preferably within three working days from the date of opening of the tender. Furnishing scanned copy of such documents alongwith the Bid is **mandatory** otherwise his/ her bid shall be declared as non responsive and thus liable for rejection.
5. (i) The contract shall be drawn in P.W.D. **P-1** contract Form & signed by **Block Development Officer, Naktideul** on behalf of the Governor of Odisha.  
(ii) The item of works as per Schedule of quantities of the Agreement shall be supervised measured and check measured by the **Asst Executive Engineer/ Additional Project Director(Tech), DRDA, Sambalpur**.
6. No tenderer will be permitted to furnish their tender in their own manuscript papers. All information's should be submitted in English. The applicants name should appear on each page of the application along with his signature or the signature of his authorized representative at the bottom of each page.
7. The tender should be strictly in accordance with the provisions as mentioned in the tender schedule. Any change in the wordings will not be accepted.
8. The work is to be completed in all respects within specified period inclusive of rainy season as mentioned in the column No.04 of the tender call notice. Tenderers whose tender is accepted must submit a programme of work immediately after issue of work order for approval of Engineer-in-Charge.
9. All tenders received will remain valid for a period of 90 days from the last date prescribed for receipt of tenders and validity of tenders can also be extended if agreed by the tenderers and the Department.



10.(i) The Contractors are required to furnish scanned copy of evidence of ownership of principal machineries/equipments in **Schedule-C** as per **Annexure-I** for which contractor shall have to secure minimum 80% of marks failing which the tender shall be liable for rejection.

(i) In case the contractor executing several works he is required to furnish a time schedule for movement of equipment/machinery from one site to work site when work is to be executed in **Annexure-IV of Schedule-C**.

(ii) The contractor shall furnish ownership documents for those machineries which he is planning to deploy for the tendered work if these are not engaged or produce certificate from the Executive Engineer as per **Annexure - III of Schedule-C** under whom these are deployed at the time of tendering as to the period by which these machines are likely to be released from the present contract. Certificate from the Executive Engineer of Government of under whose jurisdiction the work is going on, shall not be more than 90 days old on the last date of receipt of tender

(iii) In case the contractor proposes to engage machineries and equipments as asked for in the tender document, owned or hired but deployed outside the State, he/she is required to furnish additional 1% EMD /Bid Security. The entire bid security including the additional bid security shall stand forfeited in case the contractor fails to mobilize the machineries within a period as to be able to execute an item of work as per original programme which will be part of the agreement.

(iv) The contractor intending to hire/lease equipments/machineries are required to furnish proof of ownership from the company/person providing equipments/machineries on hire/lease along with contracts/ agreements/lease deed and duration of such contract. The contracts/agreements/lease deed should be on long term basis for a minimum period of **12 (Twelve) months as mentioned in contract data** from the last date of receipt of Bid documents.

11. An applicant or any of its constituent partners of whose contract for any work has been rescinded or who has abandoned any work in the last five years, prior to the date of the bid, shall be debarred from qualification. The tenderer is to furnish an **affidavit** at the time of submission of tender paper about the authentication of tender documents. An **affidavit** to this effect is to be furnished in **Schedule-F**. **Non-furnishing** of the information in **Schedule - E** and required affidavit in **Schedule - F**, the bid document will be **summarily rejected**.

12. **No Relation certificate.**

The contractor shall furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant Engineer & above in the state P.W.D. or Assistant/Under Secretary & above in the Works Department. If the fact subsequently proved to be false, the contract is liable to be rescinded. The earnest money & the total security will be forfeited & he shall be liable of make good to damages the loss or

damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide Schedule-A.

13. (i) Each tenderer is to submit along with tender a note regarding his experience on construction of **similar nature of Building/ Road/ Bridge/ Canal Works**.
- Name of the **Building/Road/ Bridge/ Canal :-**
  - Estimated Cost :-
  - Total Length :-
  - Major item of works**
  - Quantity of items (i) as per Agreement:-  
(ii) as per execution:-
  - Date of Commencement:
  - Stipulated date of Completion:-
  - Actual date of completion
  - Other details if any. :-
- ii) The prospective applicant in its name should furnish list of **similar nature** of works executed in **Schedule-D1** satisfactorily completed and list of works in progress in **Schedule-D2**. The certificate to be furnished by the employer not below the rank of an Executive Engineer.
14. If an individual makes the application, the individual should sign above his full type written name and current address.
15. If the application is made by proprietary firm, it shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.
16. If the application is made by a firm in partnership, it shall be signed by all the partners of the firm above their full type written names and current address, or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and current address of all partners of the firm shall also accompany the application.
17. If the application is made by a limited company or a corporation, it shall be signed by duly authorized person holding power of attorney for signing the application in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation will be required to furnish satisfactory evidence of its existence along with the technical bid.
18. Submission of more than one tender by bidder for a particular work will liable for rejection of all such tender papers.
19. **Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006)**
- In case of percentage rate tender:-**
- The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.
  - DELETED

  
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- (iii) Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.
- a. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct
  - b. If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
  - c. The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
  - d. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
  - e. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.
  - f. The Contractor will write percentage excess/ less up to two decimal points only. If he writes the percentage excess / less up to two or more decimal points, the first decimal point shall only be considered without rounding off.
  - g. The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.
- (iv) In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.
- (v) The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.
- (vi) The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.
- (vii) Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill

20. The tenders shall carefully study the tentative drawings and specifications applicable to the contract and all the documents, which will form a part of the agreement to be entered in to, by the accepted tenderer and detailed specifications for Odisha, and other relevant specifications and drawings, which are available. Complaint at a future date that the tenderers have not seen plans and specifications cannot be entertained.

21. The drawing if any furnished with the tender are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rates quoted by the tenderer will hold good in case of such modification of drawings during the time of execution and shall in no way invalidate the contract and no extra monetary compensation will be entertained. The work shall however be executed as per final approved drawing to be issued by the Engineer-in-Charge as and when required.

22. By admission of a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work, about the quality and availability of the required quantity of material including the wheat/ rice referred to above, medical aid, labour and food stuff etc., and that rates quoted by him in the tender will be

adequate to complete the work according to the specifications attached there to and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted rates including labour and materials with taxes, octroi, other duties, lead, lifts, loading and unloading, freight for all materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer-in Charge of the work and his authorised subordinates. After acceptance of the contract rate Government will not pay any extra charges for any reason in case the contractor claims later on to have misjudged as regard availability of materials, labour and other factors.

23. The tender should be accompanied with the **Scanned copies of the valid Registration certificate, valid VAT clearance certificate and PAN card** which are mandatory and the original certificates are to be produced **within three (3) days** of opening of the tender before **Block Development Officer/Assistant Executive Engineer, Naktideul** for verification, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection.

24. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the items mentioned in the Tender Call Notices. Any change in the wording will not be accepted.

25. The authority reserves the right to reject any or all the tenders received without assigning any reasons there-of what-so-ever.

26. The earnest money will be retained in the case of successful tenderers and will be dealt with as per terms and condition of O.P.W.D. Code. The earnest money will be refunded to the unsuccessful tenderers on application after intimation is sent to rejection of their tenders. The retention of E.M.D. with the Department will carry no interest.

27. (i) Every tenderer is expected before quoting his rates to inspect the site of the proposed work. He should also inspect the quarries and approach roads to quarries and satisfy himself about the quality and availability of materials. In every case the materials must comply with the relevant specifications. Complaints at future date that the availability of materials at quarries has been misjudged can't be entertained.

(ii) Amendment to Para 3.4.16(a) of OPWD Code Vol-I by substitution.

For the purpose of estimate, the approved quarry lead is to be provided judiciously. Engineers in charge would be responsible for ensuring the quality of the materials supplied. The contractors would, however, be responsible for procurement of materials from authorised sources and voluntarily disclose the source of procurement for the purpose of billing. Besides the bidder would be required to submit the details of quarry for procurement while submitting the bids.

28. The offer of tender shall be inclusive of cost of construction and maintenance of island, ferry service, fair-weather road, service road, Foot Bridge, pylon base, winch stand and derrick stand etc. as required for the work.

  
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29. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial borings shown in the Cross Section.

**30. PROPOSAL FOR PRICE VARIATION CLAUSE DUE TO INCREASE OR DECREASE IN RATE OF MINIMUM WAGES, PRICIPAL MATERIALS, POL & OTHER MATERIALS TO BE INCORPORATED IN**

**CONDITION OF CONTRACT.** (Vide Works Department Memorandum No-12606

/W Dt.24.12.2012)

Contract price shall be adjusted for increase or decrease in rates and price of Labour, Cement, Steel, Bitumen, Pipes, POL & Other material component in accordance with the following principles and procedures as per formula given below:

31 (a) (i): REIMBURSEMENT/RECOVERY DUE, TO VARIATION IN PRICES OF MATERIALS OTHER THAN (STEEL, CEMENT, BITUMEN, PIPES & P.O.L.).

If during the progress of the work the price of any materials (Excluding the cost of steel cement, bitumen & P.O.L.) incorporated in the work (not being materials supplied from the Engineer-in-charge's store) in accordance with clause there of increases or decreases as a result of increase or decrease in the Average wholesale price Index (all commodities), and the contractor there upon necessarily and properly pays in respect of that materials incorporated in the work such increased or decreased price, then he shall be entitled to reimbursement or liable to refund, quarterly as the case may be, such an amount, as shall be equivalent to the plus or minus difference of 85% in between the Average wholesale price Index (all commodities) which is operating for the quarter under consideration and that operated for the quarter in which the bid was received (last date of receipt) as per the formula indicated below provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to him, if penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on the above materials on the value of works executed during the extended period.

This clause will be applicable to the contracts where original stipulated period of completion is more than 18 (eighteen) months. in the situation where the period of completion is initially stipulated in the agreement as less than 18 (eighteen) months but subsequently the completion period has been validly extended on the ground that the delay in completion is not attributable to the contractor and in the result the total period including the extended period stands more than 18(eighteen)months or more, price escalation for other materials is admissible only for the remaining period excluding 18(eighteen) months there from.

Formula to calculate the increase or decrease in the price of materials:

Price adjustment for increase or decrease in cost of materials other than cement, steel, bitumen, pipes and POL procured by the contractor shall be paid in accordance with the following formula:

$$V_m = 0.85 \times P_m / 100 \times R \times (M_i - M_o) / M_o$$

$V_m$  = Increase or decrease in the cost of work during the quarter under consideration due to changes in rates of materials other than cement, steel, bitumen, pipes and POL.

$R$  = Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.



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$M_1$  = The all India wholesale price index (All commodities) prevailed during the quarter last day of receipt of bids as published by the "Economic Adviser to Govt. of India, Ministry. of Industry and Commerce, New Delhi).

$M_2$  = The all India wholesale price index (all commodities) for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and commerce, New Delhi. In respect of the justified period extended for completion of the work, the index prevailing at the time of stipulated date of

completion or the prevailing index of the period under consideration, whichever is less, shall be considered.

$P_m$  = Percentage of material component (other than cement, steel, bitumen, pipes and POL) of the work, as indicated in clause -31 (d) below.

31 (a) (ii): **REIMBURSEMENT/ RECOVERY OF DIFFERENTIAL COST DUE TO VARIATION IN PRICES OF PRINCIPAL MATERIALS (STEEL, CEMENT, BITUMEN AND PIPES NOT ISSUED BY DEPARTMENT) AFTER SUBMISSION OF TENDER:**

If after submission of the tender, the prices of Steel, Cement, Bitumen and Pipes ( not being supplied by the Department) increases/ decreases beyond the price(s) prevailing at the time of the last date for submission of tenders including extension for the work, the contractor shall be eligible to get differential cost due to such hike on the value of works executed during the stipulated period and during the extended period when the reason of delay in completion of the work is not attributable to the contractor. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price variation on the above materials on the value of works executed during the extended period.

Reimbursement in case of differential cost due to increase in prices of cement, steel, bitumen and pipes are to be made by the Executive Engineer with prior approval of tender accepting authority subject to following conditions:

- 1) Contractors have to submit the vouchers showing procurement of different materials from authorized dealers for the said work.
- 2) Differential cost will be allowed only for the works which are progressed as per the approved work programme / revised work programme duly approved by the Engineer in charge.

Recovery in case of decrease in prices of cement, steel, bitumen & pipes shall be made by concerned Executive Engineer from the Contractor immediately.

The increase/decrease in prices of cement, steel, Bitumen and Pipes for reimbursement/recovery shall be determined as follow.

**a) Adjustment towards differential cost of cement**

$V_c$  =  $(C_1 - C_0)/C_0 \times$  Actual quantity of cement utilized in the work during the quarter under consideration  $\times$  base price of cement as prevailing on the last stipulated date of receipt of tender including extension, if any.

$V_c$  = Differential cost of cement i.e. amount of increase or decrease in rupees to be paid or recovered.

$C_1$  = All India Wholesale price index for cement for the quarter; under consideration as published by Economic Adviser Govt. of India ,Ministry of Industry and commerce New Delhi

$C_0$  = All India Wholesale price index (as Published by Economic Adviser, Govt. of India Ministry of Industry and commerce, New Delhi) for cement as prevailing on the last stipulated date of receipt of tender.

**b) Adjustment towards differential cost of Steel**

$V_s = (S_i - S_o) \times$  Actual quantity of steel utilized in the work during the quarter under consideration

$V_s =$  Differential cost of Steel i.e. amount of increase or decrease in rupees to be paid or recovered.

$S_i =$  Cost of the Steel as prevailed during the period under consideration as fixed by Steel Authority of India.

$S_o =$  Base price of Steel prevailing as on the last date of submission of tender including extension, if any.

**c) Adjustment towards differential cost of Bitumen.**

$V_b = (B_i - B_o) \times$  Actual quantity of Bitumen utilized in the work during the quarter under consideration.

$V_b =$  Different cost of Bitumen i.e. amount of increase or decreases, in rupees to be paid or recovered.

$B_i =$  Average cost of Bitumen prevailed during the period under consideration as fixed by IOCL/BPCL/HPCL.

$B_o =$  Base price of bitumen as prevailing on the last stipulated date of receipt of tender including extension, if any.

**d) Adjustment towards differential cost of pipes.**

$V_p = 0.85 \times P_p / 100 \times R (P_i - P_o) / P_o$

$V_p =$  Differential cost of pipe i.e. amount of increase or decrease in rupees to be paid or recovered during the quarter under consideration.

$P_p =$  Percentage of pipe component of the work as indicated in the clause 31 (d).

$R =$  Value of work done during the quarter under consideration excluding the value of work executed under extra items, if any, at prevailing schedule of rates or derived rate.

$P_i =$  All India Whole sale price index for the period under consideration as published by Economic Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi, for the type of pipe under consideration.

$P_o =$  All India Wholesale price index (as published by Economic Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi ) as on the last stipulated date of receipt of tender including extension, if any, for the type of pipe under consideration.

**31 (b): REIMBURSEMENT/ REFUND DUE TO STATUTORY RISE IN COST OF MINIMUM WAGES BY GOVERNMENT:**

If after submission of the tender, the wages of labour increases or decreases as a direct result of the coming into force of any fresh law, or statutory rule or order beyond the wages prevailing at the time of the last date of submission of tenders including extensions, the contractor shall be eligible to get escalation due to such hike on the value of works executed during the stipulated period and during the 'validly extended period when the delay in completion is not attributable to the contractor. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get escalation on labour on the value of works executed during the extended period.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such wages of labour, give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in a position to supply. Engineer-in-Charge may call books of account and other relevant documents from the contractor to satisfy himself

  
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about reasonability of increase in prices of wages and actual payment thereof For this purpose,, the labour component of the work executed during period under ..... consideration shall be the percentage (as specified in table below) of the value of work done during that period and the increase/decrease in labour shall be considered on the cost of minimum daily wages of any unskilled Labourer, fixed by the Government of Odisha under Minimum wages act.

**The compensation for escalation for labour shall be worked out as per the formula given below:**

$$V_i = 0.85 \times P_i / 100 \times R \times (L_i - L_0) / L_0$$

$V_i$  = increase or decrease in the cost of work during the quarter under consideration due to changes in rates of minimum wages.

$R$  = Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.

$L_0$  = the minimum wages for labour as notified by State Government, as prevailing on the last stipulated date of receipt of tender including extension, if any.

$L_i$  = the minimum wages for labour as notified by State Government & as prevailed on the last date of the quarter previous to the one under consideration. In respect of the justified period extended, the minimum wage prevailing on the last date of quarter previous to the quarter' pertaining to stipulated date of Completion or the minimum wage prevailing on the last date of the quarter previous to the one under consideration, whichever is less, shall be considered.)

$P_i$  = Percentage of labour component of the work, as indicated in the clause 31 (d).

**31 (c): REIMBURSEMENT/REFUND DUE TO VARIATION IN PRICES OF P.O.L:**

Similarly, if during the progress of work the prices of Diesel, Petrol, Oil and Lubricants increases or decreases as a result of the price fixed thereof by the Government of India and the Contractor thereupon necessarily and properly pays such increased or decreased price towards Diesel, Petrol, Oil and Lubricants used in the execution of the work, then he shall be entitled to reimbursement or liable to refund, quarterly, as the case may be such an amount as shall be equivalent to the plus or minus difference of 85% in between the price of P.O.L., which is operating for the quarter under consideration and that operated for the quarter of last date of receipt of bids as per the formula indicated below provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to him. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on POL on the value of works executed during the extended period.

**Formula to calculate the increase or decrease in the price of P.O.L.**

$$V_f = 0.85 \times P_f / 100 \times R \times (F_i - F_0) / F_0$$

$V_f$  = Increase or decrease in the cost of work during the quarter under consideration due to Changes in rates for P.O.L.

$P_f$  = Percentage of P.O.L. component of the work, as indicated in clause-31 (d) below.

$R$  = Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.

$F_i$  = All India Wholesale price index for Fuel, Oil & Lubricant (High Speed Diesel for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and Commerce, New Delhi. In respect of the justified period extended, the rates prevailing at the time of stipulated date of completion or the prevailing rates of the period under consideration, whichever is less, shall be considered. .

$F_0$  = All India Whole dale price index for Fuel, Oil & Lubricant (High Speed Diesel) as prevailing on the last stipulated date of receipt of tender including extension, if any.

  
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31(d): The following percentages will govern the price adjustment for the entire contract for different types of works as applicable given in the following table:

**Percentage Table**

Sl. No	Category of works		% Component (cost wise)		
			Labour (Pi)	POL (Pi)	Steel+Cement+Bitumen+ Other Materials*
1	R&B works (% of component)	Road Works	5	5	90
		Bridge works	25	5	70
		Building Works	25	-	75
2	Irrigation works (% of component)	Structural Work	20	5	75
		Earth, Canal & Embankment work	25	10	65
3	P.H.works (% of component)	Structural Work	25	5	70
		Pipeline work	5	-	Pipe - 70% *Other material -25%
		Sewer Line	10	-	Pipe - 70% *Other material -20

\*Note: - Further break up may be worked out considering the consumption of Cement, Steel, Bitumen and pipe in the concerned works for the period under consideration.

**31 (e): APPLICATION OF ESCALATION CLAUSE:**

- (i) The contractor shall for the purpose of availing reimbursement/refund of differential cost of steel, bitumen, cement, pipe, POL and wages, keep such books of account and other documents as are necessary to show that the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of Government and further, shall at the request of the Engineer-in-charge, furnish documents to be verified in such a manner as the Engineer-in-charge may require any document and information kept. The contractor shall within a reasonable time of 15 days of his becoming aware of any alteration in the price of such material, wages of labour and/or price of P.O.L. give notice thereof to the Engineer-in-charge stating that the same is given pursuant to this condition along with information relating thereto which he may be in a position to supply.
- (ii) *The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done as per bills paid during the three calendar months of the said quarter. The first such payment shall be made at the end of three months after the month (excluding the month in which tender was accepted) and thereafter at three months interval. At the time of completion of the work, the last period for payment might become less than 3 months, depending on the actual date of completion.*

32. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.

33. The earnest money will be retained and dealt with as per the terms and conditions of the O. P. W. D. code.

The bidder / tenderer whose bid has been accepted will be notified of the award by the Engineer-in-charge prior to expiration of the validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Hereinafter and in the contract called the "Contract Price").

  
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The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) and additional performance security as per Clause 99 of DTCN in form of Fixed deposit receipt of Schedule Bank/Kissan Vikash Patra/Post Office Savings Bank Account/National Savings Certificate/Postal Office Time Deposit Account duly pledged in favour of the **Block Development Officer, Naktideul**, and in no other form which including the amount already deposited as bid security (earnest money) shall be 2% of the value of the tendered amount (excluding 1% deposited towards hiring of equipments/machineries from outside the State if any) and sign the agreement in the **PWD Form P1** for the fulfillment of the contract in the office of the **Block Development Officer, Naktideul, Sambalpur**, as directed. The security deposit together with the earnest money and the amount withheld according to the provision of P1 agreement shall be retained as security for the due fulfillment of this contract and additional performance security in accordance with the provisions of the agreement.

The agreement will incorporate all correspondence between the officer inviting the bid/Engineer-in-Charge and the successful bidder. Within 15 days following the notification of award along with the Letter of Acceptance, the successful bidder will sign the agreement and deliver it to the Engineer-in-Charge. Following documents shall form part of the agreement.

a) The notice inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto & required amount of performance security including additional performance security.

b) Standard P.W.D. Form P1 with latest amendments.

Failure to enter in to the required agreement and to make the security deposit as above shall entail forfeiture of the **Bid Security (earnest money)**. No **contract (tender)** shall be finally accepted until the required amount of initial security deposit and additional performance security deposit are received by the Engineer-in-Charge. The performance security will be refunded after **One Year** of completion of the work and payment of the final bill and will not carry any interest.

As concurred by Law Department & Finance Department In their U.O.R. No 848 dtd.21.05.97 J.O.R.No.202 W.F.D. dtd.06.03.98 respectively the E.M.D. will be forfeited in case, where tenderers back out from the offer before acceptance of tender by the competent authority.

c) **Amendment to Para 3.5.18 Note - viii of OPWD Code Vol.-I**

Before acceptance of tender, the successful bidder will be required to submit a work programme and mile stone basing on the financial achievement so as to complete the work within the stipulated time and in case of failure on the part of the agency to achieve the mile stone liquidated damage will be imposed.

34. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Orissa and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Orissa.
35. The contractor should be liable to fully indemnify the Department for payment of compensation under workmen compensation act. VIII of 1923 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.
36. Tenderers are required to liable by fair wages clause as introduced by Govt. of Odisha, Works Department letter No.VII (R&B) 5225, dt.26-2-55 and No.II, M-56/61-28842 (5), dt.27-9-61.
37. In case of any complaint by the labour working about the nonpayment or less payment of his wages as per latest minimum Wages Act, the Executive Engineer will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Executive Engineer is final and binding on the contractor.

38. The contractor shall bear cost of various incidentals, sundries and contingencies necessitated by work in full within the following or similar category.
- Rent, royalties and other charges of materials, octroi duty, all other taxes including labour welfare cess, sales tax, ferry, tolls conveyance charge and other cost on account of land and building including temporary building and temporary electric connection to work site as well as construction of service road and diversion road and its maintenance till completion of work as required by the tenderer for Collection of materials, storage, housing of staff or other purpose of the work. No tenderer will however be liable to pay Govt. for temporary occupation of land owned by Govt. at the site of the work.**
  - Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein to the satisfaction of the local health authorities.
  - Suitable water supply including pipe water supply wherever available for the staff and labour as well as for the work.
  - Fees and duties levied by the municipal, canal or water supply authorities.
  - Suitable equipments and wearing apparatus for the labour engaged in risky operations.
  - Suitable fencing barriers, signals including paraffin and electric signal where necessary at works and approaches in order to protect the public and employees from accidents.
  - Compensation including the cost of any suit for injury to persons or property due to neglect of any major precaution also become payable due to operation of the workmen compensation act.
  - The contractor has to arrange adequate lighting arrangement for the work where ever necessary at his own cost.
39. Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents and office of the under signed during office hours every day except on Sundays and Public Holidays till last date of sale and receipt of tender papers. Interested bidders may obtain further information at the same address. But it must be clearly understood that tenders must be received in order and according to instructions in complete shape. Incomplete tender is liable for rejection.
40. After the work is finalised, all surplus materials should be removed from the site of work. Preliminary work such as vats, mixing platforms etc. should be dismantled and all materials removed from the site and premises left neat and clean, this should be inclusive of the rate.
41. No payment will be made for bench marks, level pillars profiles and benching and leveling the ground where required. The percentage rate to be quoted should be inclusive of carriage of all materials and incidental item of works.
42. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works, extra quantity of any item besides agreement quantity unless written order is obtained from the Engineer-in-charge and rate settled before the extra items of work or extra quantity of any items of work is taken up.
43. Tenderers are required to go through each clause of P.W.D. Form P1 carefully in addition to the clause mentioned herein before tendering. In case of ambiguity, the clauses of PWD Form P1 with latest amendments shall supercede the condition of DTCN.
44. If any advance / Secured advance is granted by the Department the same will bear interest at the rate of 18% P.A.
45. All items of work as per schedule of quantities of this tender should confirm to Odisha Detailed Standard Specification. I.R.C. & I.S.I. Codes & Bridge code section I,II,III,IV & VII & latest design criteria for pre-stressed concrete bridges specially for Roads & Bridges issued by MoRT&H., Government of India, MoRT&H Specification for Road & Bridge work (Latest Revision) shall be the guiding book for execution, quality assurance, specification and measurement for all items of Bridge & Road works. Compacting shall have to be carried out with help of mechanical vibrators from the range of I.S.:2505, I.S.:2006, I.S.:2514, I.S.:4656.
46. Shuttering & centering shall be with suitable steel shutters in side of which shall be lined



with suitable sheeting and made leak proof and water tight. All joints in formwork shall be properly sealed preferably with P.V.C. joints sealing tapes & compounds.

47. Form work including complete false work shall be designed by the Contractor without any extra cost to employer and the Department will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject partly or fully such structures, if found defective in their opinion. Any eventually such as loss of lives or property due to failure of centering and shuttering shall be the responsibility of the Contractor regarding compensation of all claims thereof.
48. Cement shall be used by bags and weight of one bag of Cement should be 50 (fifty) Kg. net & the Engineer-in-Charge or his representative shall have the right to test the weight & quality from time to time.
49. The tenderers shall make all arrangements for proper storage of materials like steel & cement but no cost for raising shed for store and pay of security guard etc. will be borne by the Department. The department is not responsible for any theft or loss of materials at site. It is contractor's risk. Under any such plea, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the contract. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.
50. Approach road to site of work for transport of materials to site of work is sole responsibility of the Contractor. Statutory traffic restriction in the town area for Transport of construction material to site of work is to be taken in to consideration before tendering and no consideration for extra time or compensation thereof shall be considered.
51. The contractor should at his own cost arrange necessary tools and plants required for efficient execution of work and the rates quoted should be inclusive of transportation, hire and running charges of such plant and cost of consumables.
52. The machineries if available, with the department may be supplied on hire as per charges noted in the enclosed statement and may be changed from time to time subject to the condition that the contractor will execute in advance an agreement with the Engineer-in-Charge.
53. No claim whatsoever will be entertained for supply of machineries. No extension of time will be granted to the contractor under this ground under any circumstances.
54. The tenders should furnish along with their tender a list of works executed during the last three years duly certified by the concerned Engineer-in-charge indicating the satisfactory completion for Civil works as per the proforma enclosed in a separate sheet of schedule-H.
- 55. It should be clearly understood that:**
- a) The joints of the bars are to be provided with lapping, welds or bolts nuts as well be directed by the Engineer-in-charge.
  - b) Concrete test specimens 150mm × 150mm × 150mm in size (whether plain or reinforced concrete) for the testing shall be taken for each structural member by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant Engineer or sub-Divisional Officer. The

  
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contractor shall bear the cost so involved in testing. The test specimen in cube should be carried out in the Departmental Control and Research Laboratory of Cuttack or Bhubaneswar. Test should be carried out in accordance with the stipulation in Bridges code section-III.

- c) Test specimens shall be formed carefully in accordance with the standard method of taking test specimen and no plea shall be entertained later on the grounds that the casting of the test specimen was faulty and that the result of the specimen did not give a correct indication of the actual quality of concrete.
- d) Plain concrete and reinforced concrete specimens will be tested in **Quality control and Research Laboratory at Bhubaneswar, Quality control Division, Cuttack and Zonal laboratories**. Cost of testing of all specimens and samples will be borne by the Contractor.
- e) The construction of well staining by injecting cement or grout in coarse aggregate placed in position shall not be permitted.

56. The rates quoted should be inclusive of carriage of water required in connection with execution of the work. No claim for carriage of water whatsoever will be entertained.

57. The contractor shall employ one or more Engineering Graduate or Diploma holders as apprentice at his cost if the work as shown in the tender exceeds ₹. 2,50,000.00. The apprentices will be selected by the Chief Engineer. The period of employment will commence within one month after the date of work order and would last till the date, when 90% of the work is completed. The fair wage to be paid to the apprentices should not be less than the emolument of personnel of equivalent qualification employed under Government. The number of apprentices to be employed should be fixed by the Chief Engineer in the manner so that the total expenditure does not exceed one percent of the tendered cost of the work.

58. **List of tool & plants in running condition in possession of contractor is to be furnished in a separate sheet of schedule-C.**

59. It is the responsibility of the contractor to procure and store explosive required for blasting operation. Department may render necessary possible help for procuring license.

60. For submission of a tender for the work, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work about the quality and availability of the required quantity of materials, Medical aid, labour and Flood stuff etc. and that the rates quoted by him in the tender will be adequate to complete the work according to the specifications attached thereto and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted labour rates and materials with taxes, Octroi and other duties lead, lifts, loading and unloading freight for materials and all other charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. After acceptance of the contract rates Government will not pay any extra charges for any reason

  
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in case the contractor finds later on to have misjudged the conditions as regards the availability of materials, labour and other factors. The contractor will be responsible for any misuse, loss or damages due to any reasons whatsoever of any departmental material during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other dues.

61. The prevailing percentage of I.T. Department of the gross amount of the bill towards income tax will be deducted from the contractor bill
62. It must be clearly understood that under no circumstances any interest is chargeable for the dues or additional dues if any payable for the work executed and final bill pending disposal due to any reason whatsoever.
63. No extra payment will be made for removing spreading and consolidating salvaged metals and materials.
64. Under section 12 of contractors labour (Regulation and Abolition) Act. 1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
65. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing one unplugged well and specified span free of cost as directed by the Engineer-in-Charge and bear the entire cost of the test.
66. No extra payment will be made for the jungle clearance for taking earth from the borrow areas. Earth work from cutting shall be economically utilised in filling.
67. The stack of road metal and gravel will be measured in boxes of  $1.5\text{m} \times 1.5\text{M} \times 0.5\text{M}$  which will be taken as  $1.5\text{m} \times 1.5\text{M} \times 0.44\text{M} = 1\text{ cum}$ . The soling stones will be measured in the suitable stacks with deduction for voids @  $1/6$  of volume or more depending upon the looseness of stacking which would be determined on actual observation and deduction.
68. In the event of any delay in the supply of Department road roller for unavoidable reasons, no extension of time will be granted to the contractor under any circumstances.
69. Sinking of wells shall be measured as per MORT&H, Specification for Road & Bridge work (latest revision).
70. All method of sinking including pneumatic sinking by employment of divers and other equipment shall be included in the rate. Removal of trees, logs of trees or isolated boulders and desalting of sand or earth from existing well, rectification of tilt and shift if any, etc. shall also be included within the rate.
71. The depth of foundation indicated on the drawing are provisional but these may be altered if necessary in the light of the nature of strata indicated by boring which must be taken in advance of actual execution of the foundation.
72. When resort has to be made for sinking the wells by air lock and vacuum chamber method rates there of shall be pre-decided by authority accepting the tender.
73. Construction of coffer dam or island or the work of open excavation or dressing or labour for laying well curbs shall be included in the rate.
74. For concreting the bottom plugs of well under the method of providing concrete should be either with tremie or any other approved method as well be directed by the Engineer-in-charge with 10% extra cement to be used for under water concreting without any extra cost to the department.
75. No claim will be entertained in respect of difficulties during sand blowing met with during sinking of wells.
76. No part of the bearing for the superstructure shall be allowed to rest on the noses of the piers.
77. Tor Steel mesh reinforcement shall be provided in the concrete of the girders on the caps of the piers / abutments immediately in contact with the bearing to ensure proper distributions of heavy load.

78. Lugs and grooves shall be provided in the bearings to prevent them from skewing and getting out of alignment.
79. Inspection by the Director General of Supplies and Disposals of the bearing during manufacture and X-Ray or Gama Ray examination of castings thickness more than 8 inches and load testing of bearing if considered necessary shall have to be carried out at the contractor's cost. The same procedure for testing may have to be followed for ribbed bearing manufactured by widening.
80. **Sample of all material** - The contractor shall supply sample of all materials fully before procurement for the work for testing and acceptance as may be requiring by the concerned Executive Engineer.
81. Super class contractor shall employ under himself two Graduate Engineer and two Diploma holders belonging to the State of Odisha. Special class contractor shall employ under him one graduate Engineer and two Diploma Holders belonging to the state of Odisha. Likewise 'A' class contractor shall employ under him one Graduate Engineer or two Diploma Holders belonging to state of Odisha. The contractor shall pay to the Engineering personnel monthly emoluments, which shall not be less than the emoluments of the personnel of equivalent qualification employed under the State Govt. of Odisha. The Engineer-in Chief (Civil), Odisha may however assist the contractor with names of such unemployed Graduate engineers and Diploma Holders if such help is sought for by the contractor. The names of such Engineering personnel appointed by the Contractors should be intimated to the tender receiving authority along with the tender as to who would be supervising the work. Each bill of the Super Class, Special Class or 'A' Class Contractor shall be accompanied by an employment Roll of the Engineering personnel together with a Certificate of the Graduate Engineer or Diploma Holder so employed by the contractor to the effect that the work executed as per the bill has been supervised by him. (Vide Works Department No. Codes M-22/91-15384 dated 9.7.91). The required certificate is to be furnished in the proforma contained vide table 1.4 of Qualification Information of Shedule-B.
82. An engineering personnel of the executing agency should be present at work site at the time of visit of High level Inspecting officers in the rank of Chief Engineer and above.
83. All reinforced cement work should confirm to Odisha Detailed specification and should be of proportion as per Contract Agreement having desired compressive strength (in work test) in 15 Cm cubes at 28 days, after mixing and test conducted in accordance with IS 456 and IS 516.
84. Bailing out of water from the foundation, pipeline trenches S. Tanks/Soak pits/Sumps/M.H. etc. either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for benchmarks. Level pillars, profiles and benching and leveling the ground wherever required. The rates quoted should be for finished items of works inclusive of these incidental items of work. It should be understood clearly that no claims whatsoever would be entertained.
85. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
86. The Contractor will have to submit to the **Block Development Officer, Naktideul** monthly return of labour both skilled and unskilled employed by him on the work.

87. All fittings for doors and windows P.H. & Electrical works as supplied by the Contractor should be of best quality and conform to relevant I.S. specification and should be got approved by the Engineer-in-charge of the respective wing before they are used on the work.
88. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing buildings, if found necessary and bear the entire cost of such test, including the inspection of Electrical Inspectorate.
89. The Tenderer should furnish along with their tender 1. a list of works, which are at present in their hand 2. list of T&P and 3. list of work executed in the prescribed proforma(s) enclosed herewith in appropriate place of bid document.
90. All reinforced cement concrete works should be finished smooth Extra charges for plastering if required to any R.C.C. structures like roof slab, Columns, Chajjas, fins, parapets, shelves etc. shall not be paid.
91. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkable low and for others too high.
92. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such samples will be tested at **R&B Department; Control and Research Laboratory Bhubaneswar, Quality control division Cuttack and Zonal Laboratories, Sambalpur** at the cost of the Contractor with no extra cost to the Department.
93. If there is any damage to the work due to natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any, imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good of all such damages at his own cost with no extra cost to the Department. No claims, whatsoever, in this regard will be entertained.
94. The K.B./C.B. bricks should be well burnt and of good qualities. The bricks should be approved by the Engineer-in-charge before use in the work and should conform to the minimum strength as per National Building Code.
95. Under Section 1 of contract labour Regulation and Abolition Act 1970 the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of labour Department.
96. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurements.
97. Engineer Contractor desirous to avail the facility of exemption of E.M.D is required to submit an affidavit to the effect that he has not yet availed the facility / participated in the tender for more than two works (Excluding this work) during the current financial year. The

name of work for which participated and the authority to which the tender was submitted must be mentioned in the affidavit, failing which the tender will be rejected.

**98. Additional performance Security:**

**N.B. Additional performance security shall be obtained from the successful bidder when the bid amount is less than the estimated cost put to tender. In such an event the successful bidder who has quoted less bid price than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. Estimated cost put to tender minus the bid amount as Additional Performance Security in shape of Demand Draft/Term Deposit receipt pledged in favour of the Block Development Officer Naktideul within seven working days from the date of opening. Failure of furnishing the exact amount of differential cost as Additional Performance Security in shape of Demand Draft/Term Deposit receipt will make the bid liable for rejection.**

If the rate quoted by the bidder is less than 15% of the tendered amount, then such a bid shall be rejected and the tender shall be finalized basing on merits of rest bids. But if more than one bid is quoted at 14.99% (Decimals up to two numbers will be taken for all practical purposes) less than the estimated cost, the tender accepting authority will finalise the tender through a transparent lottery system, where all bidders / their authorized representatives, the concerned Executive Engineer and DAO will remain present.

99. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Odisha.

**100. SPECIAL CONDITIONS (PART OF THE CONTRACT)**

- (I) All materials before they are being used in the items of works as per this Schedule of quantities and also the finished items of work where tests are applicable shall have to be tested through the Engineer-in-charge of the respective wing at appropriate Laboratories according to the relevant I.S. specifications of the materials and the said items of works and the cost of all such tests shall have to be borne by the Contractor and the rates of the items of works should be inclusive of cost of such tests.
- (II) The tests have to be planned & carried out such that the progress of work is not hampered.
- (III) The tests are mandatory as per the prescribed frequencies and I.S. specifications. However, these are not exhaustive and the Engineer-in-charge has the right to prescribe other required test if any as will be considered from time to time.

101. In case of ambiguity between clauses of this D.T.C.N. and the P-1 contract form, the relevant Clauses of the P-1 contract form shall prevail over the D.T.C.N. The clauses not covered under P-1 contract form shall be governed by the clauses of the D.T.C.N.

102. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial borings shown in the Cross Section.



103. Schedule of quantities is accompanied in Price Bid. It shall be definitely understood that the Government does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable for alternation or omissions, deductions or alternations set forth in the conditions of the contract and such omissions, deductions, additions or alternations shall no way invalidate the contract and no extra monetary compensation, will be entertained.
104. In case of any complaint by the labour working about the nonpayment or less payment of his wages as per latest minimum Wages Act, the Executive Engineer will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Executive Engineer is final and binding on the contractor.
105. The contractor should arrange the materials like Steel, Cement, paint and bitumen etc. of approved quality and specification at his own cost for completion of the work with the time schedule. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.
106. The bidder will be responsible for the loss or damage of any departmental materials during transit and in the execution of the work due to reasons what-so-ever and the cost of such materials will be recovered from the bills at stock issue rates or market rates whichever is higher.
107. For diversion road the contractor will have to make his own arrangement to make the same in private land if necessary for which agreement of such land by the side of C.D. works and the rental charges for such private land shall be borne by the contractor including the proper maintenance with lighting arrangements during the night time and signaling during day time and barricading etc. till the C.D. works are opened to the traffic. No extra cost will be paid to the contractor for the above rental charges etc. His rate in the tender shall include this arrangement, rental charges for the land and maintenance, lighting and removal of such temporary road crust from the private land to bring the land to its original condition etc. complete.
108. The contractor has to arrange the land required for borrowing earth if necessary for the road work at his cost. No extra payment by the Department will be made on this account and no claim what-so-ever will be entertained on this ground. The rate quoted by the contractor should be inclusive of all such charges.
109. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the P.W.D. Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorised agents with their dated signature. Orders entered

- in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the P.W.D. and shall not be removed from the site of work without written permission of the Engineer (Executive Engineer) and to be submitted to the Engineer-in-charge every month.
110. The tenderer should conduct three bores at each pier and S.B.C. of soil at foundation level and abutments location and furnish the test results in conformity with I.R.C. code at his own cost before execution of the work and rate quoted by the contractor should be inclusive of such bores and S.B.C. tests etc. without any extra cost to the Department.
111. The details of foundation, sub-structure and floor protection for execution shall be done in accordance with the test results thus obtained.
112. The contractor shall have no claim what so ever for the extra quantity of work to be executed in view of above possible changes and payments is to be made as per clause 11 of the P-1 Contract.
113. Over and above these conditions, the terms and conditions and rules and regulations and specifications as laid down in Orissa Detailed Standard Specification, Orissa P.W.D. Code, Bridge code and MORT&H specifications with latest revision / amendment are also binding on the part of the contractor.
114. No part of the contract shall be sublet without written permission of the concerned Executive Engineer or transfer be made by power of Attorney authorising others to receive payment on the contractor's behalf.
115. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.
116. Any damages caused by natural calamities should be done by the contractor at his own cost. The Department will not be any way responsible for the same and will not pay any cost towards the repair done by the contractor.
117. If the contractor removes Government materials supplied to him from the site of work with a view to dispose of the same dishonestly, he shall be in addition to any other liability civil or criminal arising out of his contract be liable to pay a penalty equivalent to five times of the price of the materials according to the stock issue rate or market rate whichever is higher. The penalty so imposed shall be recovered at any time from any sum that may then or at any time thereafter become due to the contractor or from his security deposit or from the proceeds of sale thereof.
118. The selected contractor may take delivery of departmental supply according to his need for the work issued by the **Engineer-in-charge** subject to the availability of the materials. The tenderer shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of security guard etc. will be borne by the Department. The Department is not responsible for considering the theft of materials at site. It is the contractor's risk. Under any such plea if the tenderer stops the work, he shall have to pay the full penalty as per clause of F2 agreement.

119. The Department will have the right to supply at any time in the interest of work any departmental materials to be used in the work and the contractor shall use such materials without any controversy or dispute on that account. The rate of issue of such materials will be at the stock issue rates inclusive of storage charges or rates fixed by the Department or current market rate whichever is higher.
120. All the materials which are to be supplied from department will be as per availability of stock and the contractor will have to bear the charges of straightening, cutting, jointing, welding etc. to required sizes in case of M.S. Rods or TOR Steel / M.S Angles, Tees and Joists etc. After the issue from the P.W.D. store, the materials may be under the custody of the contractor and the contractor will be responsible for its safety and storage. Cut pieces of steel more than one metre in length will be returned by the contractor at the issuing stores without conveyance charges.
121. Though Departmental issue of cement and steel has indicated, it may not be taken as binding. The contractor must have to arrange by themselves cement, steel, bitumen and every sort of materials from approved manufacturer, get it tested in the Departmental Laboratory and approved by the Department before use. No extension of time or escalation of price on such account shall be entertained in future.
122. TOR rods, plates and structural members will be supplied in quantity, length and size available in the stock. For payment of reinforcement, the steel including plates etc. shall be measured in length of different diameter, size and specification as actually used (including hooks and cranks) in the work correct to an inch or cm. And their weight calculated as per sectional weight prescribed by the Indian Standard Specification or as directed by the Engineer-in-Charge (Wastage of bars and unnecessary lapping will not be considered for measurement and payment).
123. **Odisha Bridge & Construction Corporation Ltd.** will be allowed price preference up to 3% over the lowest quotation or tender as laid down in Works and Transport Department Resolution No-285 date-17.04.1974. **The Odisha Construction Corporation** will be allowed a price preference to the extent of up to 3% over the lowest tender amount (Where their tender is not the lowest) provided they express willingness to execute the work after reduction of rates by negotiation.
124. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Executive Engineer with their bills, falling which the amount towards royalties of different materials as utilised by them in the work will be recovered from their bills and deposited in the revenue of concerned department.
125. **Trial Boring** - The foundation level as indicated in the body of the departmental drawing is purely tentative and for the general guidance only. The Department has no responsibility for the suitability of actual strata at the foundation level. The contractor has to conduct his own boring before starting the work and get the samples tested at his own cost to ascertain the S.B.C. and credibility of the strata at founding level while quoting his rates for tender the contractor shall take in to account of the above aspects.

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126. Any defects, shrinkage or other faults which may be noticed within 12 (Twelve) months from the completion of the work arising out of defective or improper materials or workmanship timing are upon the direction of the Engineer-in-Charge to be amended and made good by the contractor at his own cost unless the Engineer for reasons to be recorded in writing shall be decided that they ought to be paid for and in case of default Department may recover from the contractor the cost of making good the works. The contractor is also required to maintain the road/ building for 36 (Thirty six) months from the date of successful completion of the work.
127. From the commencement of the works to the completion of the same, they are to be under the contractors charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the Govt. of Odisha harmless for any claims for injuries to person or structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or any one in his employment during the execution of the work. Also no claim shall be entertained for loss due to earthquake, flood, cyclone, epidemic, riot or any other calamity whether natural or incidental damages so caused will have to be made good by the contractor at his own cost.
128. **Gradation of ingredients:** The coarse and fine aggregate shall meet the grade requirement as per the latest provision of relevant I.S. Code / I.R.C. code / MORT&H specifications.
129. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the P.W.D. Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorised agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the P.W.D. and shall not be removed from the site of work without written permission of the Engineer (Executive Engineer) and to be submitted to the Engineer-in charge every month.
130. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.
131. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.
132. The rates quoted by the contractor shall cover the latest approved rates of labours, materials, P.O.L. and Royalties. Arrangement of borrow areas; land, approach road to the building site etc. are the responsibility of the contractor.
133. The rate for each work of concrete items wherever dewatering is imperatively necessary the term dewatering shall mean the execution or operation of the items due to standing water as well as due to percolation of water. The quoted rates will be inclusive of this.

134. The contractor shall make requisition of claim book from the date of commencement of the work from the Department and shall maintain in proper P.W.D. form with pages serially numbered in order to record items of works are not covered by his contract and claimable as extra. Claims shall be entered regularly in this book under the dated signature of the contractor or his duly authorized agents at the end of each month. A certificate should be furnished along with the claim to the effect that he has no other claim beyond this claim up-to-date. If in any month there are no claims to record, a certificate to that effect should be furnished by the contractor in the claim book. Each claim must be defined and should be given as far as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10<sup>th</sup> and 16<sup>th</sup> days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim book not maintained from the commencement of the work is liable to be summararily rejected. The claim book is the property of the P.W.D. and shall be surrendered by the contractor to the Engineer-in-charge after completion of the work or before recession of the contract by the Department whichever is earlier for record.
135. Number of tests as specified in I.R.C. / MORT&H / I.S.I specification required for the construction of roads / bridges / buildings or any other structural works will be conducted in any Govt. Test House / Departmental laboratories / reputed material testing laboratory as to be decided by the Engineer-in-charge. Testing charges including expenditure for collection / transportation of samples / specimens etc. will be borne by the contractor. The collection of samples and testing are to be conducted for both prior to execution and during execution as may be directed by the Engineer-in-charge and on both the accounts the cost shall be borne by the contractor.
136. The materials, borrow areas and hutments at site should be arranged by the contractor at his own cost. No future complaint on this account shall be entertained.
137. Even qualified criteria are met; the bidders can be disqualified for the following reasons, if enquired by the Department
- (a) Making a false statement or declaration.
  - (b) Past record of poor performance.
  - (c) Past record of abandoning the work half way / recession of contract.
  - (d) Past record of in-ordinate delay in completion of the work.
  - (e) Past history of litigation.
139. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from dis-incentivising the tenderer.
140. The following documents which are not submitted with the Bid will be deemed to be part of the Bid:

  
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Sl. No	Particulars
1	Notice Inviting tender
2	Instruction to the bidder
3	Conditions of contract
4	Contract data
5	Specifications
6	Drawings

141. **Condition for issue of plant & machinery to contractor on hire:** - Tools & plants will be issued to the contractor only if it is desirable in the interest of Govt. works and if these can be spared without inconvenience to the Department. The Sanction of the Chief Engineer shall be necessary in each case. The contractor shall arrange his programme of work according to the availability of the plant & machinery & no claim will be entertained for any delay in supply by the Department.

An agreement shall be entered in to by the contractor to the effect that these hire charges are recoverable from the bills of the contractor regularly and the final payment for the work including refund of security deposit will not be made until the total amount due to the Government on account of hire of machinery etc. is recoverable in full. Full amount of hire charges due from the contractor at any contract at any time shall be recovered from his next subsequent bill. All transit and incidental charges in connection with the despatch of tools and plants and machineries from workshop shed/ deposit return there to, will be borne by the contractor. The hire charge shall be recovered at the prescribed rates from and inclusive of the date, the plant and machinery is made over up to and inclusive of the date of its return, even though the same day it may not have been utilised for any reason except for a major break down which may take more than 72 hours for repairs. The contractor shall immediately intimate in writing to the Engineer-in-charge when any plant or machinery goes out of order requiring major repairs. The hire charges are for clock hours. In case of tar boilers, hot mix plant and any other machinery requiring similar preparation the working hour will include the time required to make up the boiler temperature and bring plant to the operating conditions before the actual start of work. The machine will work in shifts of 8 hours each. Extra charges towards overtime wages of any of the operating and maintenance staff will be leviable. These charges will be fixed by the Engineer-in-charge from time to time. In no case, the tools and plants shall be operated beyond 8 hours in any shift without prior written permission of the Engineer-in-charge.

The contractor shall release the plant and machinery as and when required for periodical servicing and maintenance. He shall also provide for any labour and water source for washing the plants. In the case of Concrete mixtures, pavers and similar such type of equipments, the contractor shall arrange to get the hopper cleaned and the drums etc. washed at the close of work each day. The plant and machinery once issued to a

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contractor shall not be returned by him on account of lack of arrangement of labour and material etc. on his part. The same will be returned only when they do not require or when in the option of Engineer-in-charge the work or a portion of work for which issued is completed.

The tools and plants shall while in transit and in the custody of contractor be at his sole risk and responsibility for damages and / or loss except fair wear and tear. The damage or loss as assessed by Engineer-in-charge shall be made good by the contractor. In the event of a disagreement as to the extent of damage or the value of article lost, the decision of Chief Engineer shall be final. The contractor shall on or before the supply of plant and machinery sign an agreement in indemnifying the Govt. against loss or damage to the machine. The Contractor shall also be responsible for any claim for compensation for loss of life, injury or damages to property etc. arising from any cause what-so-ever. The contractor shall provide full time choukidar for guarding the plant and machinery at site.

If the articles are not returned within the date originally specified or extended by the Engineer in charge, in addition to the normal hire charge, a surcharge equal to 10% of the hire charges will be levied for the period that the machinery is not returned. Such period will be treated as working time. In the event of the non-return of the machinery, the full value of the articles at the current market price will be recovered from the contractor's outstanding bills or any bills that may become due in respect of his other work under the state public works Department. The decision of the Chief Engineer shall be final in case of dispute.

**FORM OF AGREEMENT** - The contractor shall, before taking the possession of the machinery, enter in to an agreement with the Engineer-in-charge or his nominees in the form attached. Log Books for recording the hours of daily works for each of the plant and machinery supplied to the contractor will be maintained by the Department will be attested by the contractor or his authorized agent daily. In case of contractor contests the correctness of the entries and / or fails to sign the logbook, the decision of the Engineer-in-charge shall be final and binding on him. Hire charges will be calculated according to the entries in the logbook and will be binding on the contractor.

#### **AGREEMENT FOR LOANS OF GOVERNMENT TOOLS & PLANTS**

This agreement made the ..... Two Thousand .....between (herein-after referred to as "the hirer" which expression shall unless excluded by or repugnant to the context include his heirs, executors, administrators and assigns) of the one part and the Govt. of Odisha (here in after referred to as the Governor which expression shall unless excluded by or repugnant to the context include his successors in office as assigns) of the other part. Whereas the hirer desirous of hiring the tools and plants of the P.W. Department of the Odisha Govt. and more particularly specified in the schedule here under between here in after referred to as "the tools and plants".

  
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And whereas Government has agreed to let in hire the tools and plants to the hirer on the terms and conditions here in after mentioned.

Now it is here by and between the parties here to as follows:-

- a) In consideration of agreement that hire charges be recovered from their bill for work executed on which this machinery will be used or any other than standing in the names of contractors in the book of the Department or any other Government Department. The Govt. agrees to let the hirer tools and plants for the period to be computed from the date of delivery of the tools and plant to the hirer at the P.W. Department workshop / store at **Sambalpur**. The rate of higher charges will be as mentioned in the schedule attached.
- c) The hirer shall not transfer, assign or sublet or in any way part with the tools and plants or any part there-of without the previous written approval of the Engineer-in-charge
- d) On the expiry of the period of the hire, the hirer shall return the tools and plants to the Public Works Department. & Workshop / store at **Sambalpur** in the same good condition in which they were received by him.
- e) In the event of the tools and plants not being returned on the expiry of the above-mentioned period, the hirer shall without prejudice and any other liability pay to the Government on account equivalent to the rate of hire specified for the working period and an increase of ten percent.
- f) The tools and plants shall be open for inspection at all times to the officers of the Government.
- g) The hirer shall not operate the tools and plants so hired for more than one shift / two shifts of 8 hours each per day without the prior sanction of the Engineer-in-charge. If the hirer operates the tools and plants beyond the aforesaid limit without the prior sanction of the Assistant Engineer, he shall pay to Government additional hire charges as well as over time charges for staff for such excess operation at the rate approved by the Engineer-in-charge from time to time.
- h) In case of breakdown, repairable at the site within a period of three days hire charges as specified in the schedule will be levied except in case of major repairs.
- i) Normally the tools and plants will be supplied with operating staff.
- j) The hirer shall be responsible for any claims for compensation for loss of life, injury or damage to property etc. arising due to any causes what-so-ever during the period of the machinery is in his charge.
- k) All municipal or other dues and taxes payable on account of the use or operation of the tools and plants for the period of hire shall be defrayed by the hirer.
- l) The hirer shall make good any loss or damages arising out of causes other than fair wear and tear to the tools and plants during the period of hire. The cost recoverable from the hirer shall be the full replacement value as determined by the Engineer-in-charge .In the event of any loss or damage not being made good by the hirer to the satisfaction of the

said Engineer-in-charge the office shall be at liberty to make good himself such loss or damage and recover the cost thereof from the hirer. The hirer shall pay to the Engineer-in-charge such an amount as shall be necessary to make good the loss or damage failing which the same will be recovered from his dues as in case of hire charges.

- m) On the breach of any terms or conditions of this agreement by the hirer the Engineer-in-charge shall be entitled to demand the return of tools and plants and the hirer shall return the tools and plants within 72 hours from the date of receipt of such order in writing. In case of failure on the part of the hirer to comply with such order he shall be liable to pay such penalty as may be imposed by the Engineer-in-charge for the period the tools and plant are detained provided that the maximum penalty shall not exceed the cost replacement of the tools and plants.
- n) In case of any disputes between the hirer and the Government, the decision of the Chief Engineer shall be final.
- o) This agreement shall be operated by the Engineer-in-charge on behalf of the Government and the term Engineer-in-charge shall include all officers duly authorised by him to exercise powers on his behalf.

#### THE SCHEDULE

Serial No.	Description and Name of the articles	No.	Amount of hire per hour	Remarks

In witness where of the hirer and the Engineer-in-Charge has for and on behalf of the Governor of the State has set their respective hand, the day and the year here in above written.

1. Signed by:

2. Signed sealed and delivered in the

presence of

142. The agency will be responsible for traffic management and maintenance of the stretch of the road (for which the tender has been invited) at his own cost during the period of execution.
143. Even qualified criteria are met; the bidders can be disqualified for the following reasons, if enquired by the Department
- (a) Making a false statement or declaration.
  - (b) Past record of poor performance.
  - (c) Past record of abandoning the work half way/ recession of contract.
  - (d) Past record of in-ordinate delay in completion of the work.
  - (e) Past history of litigation.
144. The information furnished must be sufficient to show that the applicant is capable in all respects to successfully complete the envisaged work.
145. In case the 1<sup>st</sup> lowest tenderer or even the next lowest tenderers withdraw in series one

by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from disincentivising the tenderer.

146.1. **Bid Capacity ( Applicable for work costing more than 03 (Three) Crores).**  
 Applicants who meet the minimum qualification criteria will be qualified only if their available bid capacity at the expected time of bidding is more than the total estimated cost of the works. The available bid capacity will be calculated as under.

Assessed Available Bid Capacity= (A\*N\*2-B), where

A= Maximum value of works executed in any one year during the last five years (updated to the current price level)rate of inflation may be taken as 10 per cent per year(escalation factor) which will take into account the completed as well as works in progress,

B= Value at current price level of the existing commitments and ongoing works to be completed during the next **fifteen months** (period of completion of works for which bids are invited); and

N= Number of years prescribed for completion of the works for which the bids are invited (for work completion period less than one year the value may be taken as one year)

**Note: In case of a Joint Venture the available bid capacity will be applied for each partner to the extent of his proposed participation in the execution of the works.**

The statement showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer-in-Charge not below the rank of an Executive Engineer.

**Escalation factor**

**Following enhancement factors will be used for the costs of works executed and the financial figures to a common base value for works completed in India.**

	<u>Year before</u>	<u>Multiplying factor</u>
<b>One</b>		<b>1.10</b>
<b>Two</b>		<b>1.21</b>
<b>Three</b>		<b>1.33</b>
<b>Four</b>		<b>1.46</b>
<b>Five</b>		<b>1.61</b>

(Applicant should indicate actual figures of costs and amounts for the work executed by them without accounting for the above mentioned factors)

In case the financial figures and value of completed works are in foreign currency the above enhanced multiplying factors will not be applied. Instead current market exchange rate (State Bank of India B.C. selling rate as on the last date of submission of the bid) will be applied for the purpose of conversion of amount in foreign currency into Indian rupees.

*[Signature]*  
6.2.14

Total value of Civil Engineering construction work performed in the last five years are to be furnished for which **certificate from Chartered Accountant is to be furnished.**

2008-2009 -----  
2009-2010 -----  
2010-2011 -----  
2011-2012 -----  
2012-2013-----

**Base year shall be taken as 2013-14.**

**147. ELIGIBILITY CRITERIA FOR QUALIFICATION :**

Applicants shall furnish the followings.

- a. **Required E.M.D** as per the **Clause No. 7 and Clause No.21.**
- b. **Money Receipt** towards cost of tender paper as per **Clause No.4.**
- c. Scanned copy of valid Registration Certificate, Valid VAT clearance certificate, PAN card, along with the tender documents and furnish the Original Registration certificate, VAT clearance certificate and Pan card, for verification within (3) three days of opening of the tender before **Executive Engineer, DRDA, Sambalpur** as per **Clause No.22**
- d. Information regarding current litigation, debarring / expelling of the applicant or abandonment of work by the applicant in **schedule "E"** and **affidavit to that effect including authentication of tender documents. and Bank guarantee in schedule "F"** as per **Clause No.49.**
- e. Deleted
- f. Deleted
- g. **Experience** in Building works and details of works in progress or contractually committed with Certificates from the concerned Officer of the rank of Executive Engineer or Equivalent.( As per Schedule B and D)
- h. Evidence of ownership of major items of construction equipments, named evidence of arrangement of processing them on hire/lease/buying as defined therein. (As per Annexure-III)
- i. Details of the technical personnel proposed to be employed for the Contract having the qualifications defined for construction. (As per Schedule G)
- j. Submission of original bid security and tender paper cost as prescribed in the relevant clause ( DTCN after last date and time of submission of bid before the stipulated date & time for opening of the bid.
- k. **Each bidder should further demonstrate:** Availability (either owned or leased) of the following key and critical equipments for the work: Based on the studies, carried out by the Engineer the minimum suggested major equipments to attain the completion of works in accordance with the prescribed construction schedule are shown in the Annexure-III, for which contractor shall have to secure minimum **80%** marks failing which the bidder is liable for rejection.

**N.B. : If required the genuineness of possession of machineries by the bidder will be verified by the concern Executive Engineer)**

1. The bidder of higher class than the eligible class of bidder, as per DTCN is requested to upload valid order of Hon'ble court along with the tender document, **failing which the technical bid of the same bidder will not be considered.**

**NOTE: Scanned copies of evidence of all documents to justify Eligibility under the above clauses are to be furnished with the online bid.**

**NOTE:**

**LIST OF DOCUMENTS ESSENTIAL AS PER ELIGIBILITY CRITERIA  
(TOTAL 10 NOS) (FORM SEHEDULE A TO I)**

1. E.M.D. Amount as per Notice.
2. Demand Draft towards Cost of Tender Paper as per Notice.
3. Valid Registration Certificate, GST Clearance Certificate and PAN Card.
4. Affidavit regarding Litigation, Debarring / Expelling, abandon of work as per Schedule-E.
5. deleted.
6. List of work in Progress and Executed as per Schedule B & D.
7. Evidence of ownership Machinery as per Annexure-III and Certificate of availability duly signed in schedule-C.
8. Certificate of engagement Technical Persons as per Schedule-G.
9. No Relation Certificate in Schedule-A.
10. Affidavit on Authentication of tender documents etc as per Schedule-F.

**148.ADDENDUM TO THE CONDITION OF P-1 CONTRACT**

**Clause-2(a) of P-1 Contract:-TIME CONTROL :- ( Vide Works Department Office Memorandum No.24716 dtd.24.12.2005)**

**2.1. Progress of work and Re-scheduling programme.**

- 2.1.1. The Executive Engineer / Engineer-in-Charge shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
- 2.1.2. With in 15 days of issue of the letter of acceptance, the contractor shall submit to the Engineer-in- Charge for approval a Programme showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.
- 2.1.3. To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, 1/2 of the whole of the work before 1/2 of the whole time allowed under the contract has elapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.
- 2.1.4. If at any time it should appear to the Engineer-in-Charge that the actual process of the work does not conform to the programme to which consent has been given the Contractor shall produce, at the request of the Engineer-in-Charge, a revised programme

showing the modifications to such programme necessary to ensure completion of the works within the time for completion. If the contractor does not submit an updated Programme within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.

2.1.5. An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.

2.1.6. The Engineer-in-Charge's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer-in-Charge again at any time. A revised Programme is to show the effect of Variations and Compensation Events.

## **2.2. Extension of the Completion Date.**

2.2.1. The time allowed for execution of the works as specified in the Contract data shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the Engineer-in-Charge issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.

2.2.2. As soon as possible after the Agreement is executed, the Contractor shall submit the Time & Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per milestone given in contract data.

2.2.3. In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

- i) Force majeure, or
- ii) Abnormally bad weather, or
- iii) Serious loss or damage by fire, or
- iv) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.
- v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.
- vi) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost, or
- vii) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.

2.2.4. Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

2.2.5. In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

### 2.3. Compensation for Delay.

2.3.1. If the contractor fails to maintain the required progress in terms of clause-2 of P-1 Contract or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Chief Engineer (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause-2 of P-1 Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month of for delay of work, delay to be completed on per Day basis. Provided always that the total amount of **compensation** for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any

other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However no interest whatsoever shall be payable on such withheld amount.

**2.4. Bonus for early completion ( Applicable for work costing more than 03 (Three) Crores for road and bridge works).**

Amendment to Para 3.5.5 (v) Note - iii of OPWD Code Vol.-I by inclusion

For availing incentive clause in any project which is completed before the stipulated date of completion, subject to other stipulations it is mandatory on the part of the concerned Executive Engineer to report the actual date of completion of the project as soon as possible through FAX or e-mail so that the report is received within 7 days of such completion by the concerned Superintending Engineer, Chief Engineer & the Administrative Department. The incentive for timely completion should be on a graduated scale of one percent to 10 percent of the contract value. Assessment of incentives may be worked out for earlier completion of work in all respect in the following scale.

- Before 30% of the contract period = 10% of contract value.
- Before 20% to 30% of the contract period = 7.5% of contract value.
- Before 10% to 20% of the contract period = 5 % of contract value.
- Before 5% to 10% of the contract period = 2.5% of contract value.
- Before 5% of the contract period = 1% of contract value.

The amount of bonus, if payable shall be paid along with final bill after completion of work.

**2.5. Management Meetings**

- 2.5.1. Either the Engineer or the Contractor may require the other to attend a management meeting. The business of management meetings shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 2.5.2. The Engineer shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken to be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

**Clause-2 (b) of Item Rate P-1 Agreement:- Rescission of Contract (Amendment as per letter No.10639 dt. 27.05.2005 of Works Department, Odisha):-** To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence), 20% of the value of left over work will be realized from the contractor as penalty.

149. The tenderers are required to go through each clause of P.W.D. Form **P-1** carefully in addition to the clauses mentioned here in before tendering.

150. A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter no.3365 dt.01.03.2007 of Works Department, Odisha.

As per said amendment a Contractor may be blacklisted

a) Misbehavior/threatening of Departmental & supervisory officers during execution of work/tendering process.

b) Involvement in any sort of tender fixing.

c) Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.

d) Persistent and intentional violation of important conditions of contract.

e) Security consideration of the State i.e. any action that jeopardizes the security of the State.

f) Submission of false/ fabricated / forged documents for consideration of a tender.

151. The safety certificate of the E.I. work will be furnished by the agencies after getting necessary verification from the electrical inspector / equally competent authority responsible for the work prior to Energisation of the building.

152. Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006) In case of percentage rate tender:-

i. The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.

ii. Contractors participated in the tender for more than one work may offer conditional rebate. Rebate offer submitted in separate sealed envelope shall be opened, declared and recorded first. The rebate so offered shall be considered after opening of all packages called in the same Tender Notice. The Contractors who wish to tender for two or more works shall submit separate tender for each. Each tender shall have the Bid Identification No., Name & Sl. No. of the work (as per IFB) to which they refer, written on the envelope.

iii. Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.

a. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct

- b. If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
- c. The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
- d. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
- e. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.
- f. The Contractor will write percentage excess/ less unto one decimal point only. If he writes the percentage excess / less up to two or more decimal points, the first decimal point shall only be considered without rounding off.
- g. The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.
- iv. In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.
- v. The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.
- vi. The period of completion is fixed and can not be altered except in case of exceptional circumstances with due approval of next higher authority.
- vii. Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill.
- viii. Cess @ 1% of the agreement cost shall be deducted from contractor bill as per circular of Govt. of Odisha Labour and Employment Department vide letter No 3757/ Dt 25.04.2009.

  
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**TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK**

Materials of following specification are to be used in work. The Tenderer are expected to possess

and be well conversant with the following IS standard and code of practice.

1.	Cement	Will be as per I.S. 269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and compressive cube test before commencement of work in each batch).
2.	Steel	I.S. 432 (Plain) and 1786 (Tor)
3.	Vibrator	I.S. 7246
4.	Aggregate	I.S. 383, I.S. 515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S. 456 and I.S. 2025.
6.	Sand / Fine Aggregate	I.S. 2116, 383
7.	Binding wire	I.S. 280 (galvanised minimum 1 mm)
8.	Rain water pipe	I.S. 2527
9.	Construction joints	I.S. 3414
10.	Steel Window Frame	I.S. 1038/83
11.	Steel Door Frame	I.S. 4351/75
12.	Fitting & Fixtures joinery for works	Conforming to I.S. 7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

**Note :** For road work (Approach Road) specification as per road and bridges (latest edition) published by I.R.C & M.O.S.T. shall be followed. In case of any doubt and absence of provision, regarding specification I.S. shall be referred (Indian standard).

**ITEM OF WORK**

1. Concrete shall be with conformity to I.S.456.
2. Foundation shall be with conformity to I.S.1080.
3. Stone masonry (R.R.) shall be with conformity to I.S.1597 (Part-I)
4. C.R. Masonry shall be with conformity to I.S.1597.
5. Brick masonry shall be with conformity to I.S.2212.
6. Cement plastering shall be with conformity to I.S.9103 & 6925.
7. Mortar shall be with conformity to I.S.2250
8. White and colour washing shall be with conformity to I.S.6278.
9. CC in foundation shall be with conformity to I.S.2571.
10. Anti-Termite Treatment shall be with conformity to I.S.6813. (Part - I & Part - II)
11. Painting to all surfaces shall be with conformity to I.S.2395 (Part - I & Part - II)
12. DPC shall be with conformity to I.S.3067

13. Tarfelt treatment shall be with conformity to I.S.1346

14. Mosaic flooring with conformity to I.S.2114

15. Steel painting shall be with conformity to I.S.1477 (Part - I & Part - II) I.S.1661

### **GENERAL CONDITIONS**

#### **1. Drawings & Specifications**

The Contractor, after the award of the contract and on signing the agreement shall be furnished free of cost two copies of each of the drawings specifications, descriptive schedules and other details necessary for execution of the work. All further drawings and details as may be prepared by the department from time to time for reasonable development of the work described in the contract documents and reasonably necessary to explain and amplify the contract drawings and to enable the contractor to execute and complete the work shall also be supplied in duplicate to contractor free of cost.

Any further copies of such drawings, required by the contractor shall be paid for by him. The contractor shall keep one copy of all the drawings specifications, price schedule of items and quantities at work site and the Engineer-in-charge or his authorised representative shall at all reasonable times have access to the same.

#### **2. Contractor's Responsibility.**

- a) The contractor shall provide at his cost everything necessary for the proper execution of the works according to the intend and meaning of the drawings, schedule of items and quantities and specifications taken together, if the same is not particularly shown or described therein, provided that the same can reasonably be inferred there from, if the Contractor finds any discrepancy in the drawings or between the drawing and schedule of quantities and specifications, he shall immediately in writing refer the same to the Engineer-in-charge whose decision shall be final & binding.
- b) Any work done at any time or even before receipt of such details shall be removed/replaced by the contractor without any expense to the department If the work is not in order and if so directed by the Engineer-in-charge error inconsistencies in drawings and local conditions affecting the works shall be brought to the notice of the Engineer-in-charge immediately for his decision All drawings, bill of quantities and specifications and copies therefore furnished by the department, are their property. They shall not be used on any other work and shall be returned to the Department on request on completion and before issue of final certificate or termination of the contract.
- c) All materials and workmanship shall be of the respect kinds described in the

specification. B.O.Q, contract and in accordance with the instruction of the Engineer-in-charge. The contractor must satisfy himself about the same while furnishing samples for approval of the Engineer-in-charge before incorporation in the works.

- d) The Engineer-in-charge may from time to time cause at his discretion such tests on samples of materials or workmanship of all/any materials and work, as he may consider necessary at places of manufacture, fabrication, on the site or at such other places. The expenditure incurred for all such tests shall be borne by the contractor.
- e) All approved samples are to be preserved by the contractor in a regular manner in the site office for inspection and verification of the Engineer-in-charge or his representative from time to time.

g) **Alteration / Addition & Omissions**

The Engineer-in-charge shall make any variation of the form, quality or quantity of the works or any part thereof that may be in his opinion be necessary and for that purpose or if for any, other reason it shall, in his opinion be desirable, he shall have power to order the Contractor to do so and the Contractor shall do any or allot followings : .

- a) Increase or decrease the quantity of any work included in the contract.
- b) Omit any such work.
- c) Change the levels, lines, position and dimensions of any part of the works, and
- d) Execute additional works of any kind necessary for the completion of the work. No such variation shall in any way ratidate or invalidate the contract, but the value of all such variations shall be taken into account and shall be added to or deducted from the contract sum accordingly, but no such variation shall be made by the contractor without prior written instruction from the Engineer-in-charge.
- e) The Schedule of quantities/rates shall be deemed to have been prepared and included in accordance with the method of measurement of work set out and as per the relevant specifications or in its absence relevant I.S. code of practice Any error in the specification or in quantity or omission of any item from the schedule of quantities/ rates shall not vitiate the contract, but he adjusted by adding to or deduction from the contract sum provided that no rectification of errors, if any, shall be allowed in the contract schedule of rates.

**4. Valuation of variations**

- a) All extra or additional work done or work omitted shall be valued at the rates and price set out in the prices schedule of quantities, and/or derived there-from, if in arriving at the contract sum, the Contractor have added to or deducted from the total of the items in the tender any sum either as a percentage or proportion, then the same percentage of proportion shall apply to all. items or works in the prices schedule as also for valuation of variation.
- b) If the contract does not contain any rate or price applicable to the extra or additional work, or the rate or price in the priced schedule of quantities has become inapplicable in the opinion of the Engineer-in-charge by virtues of such addition or omission, then suitable rates or price shall be agreed such rates shall be derived by analysis based on standard schedule of rates of State P.W.D. / P.H.D or in case such is not available therein, form any approved schedule with the various elements valued at local market price plus 15 (fifteen) percent towards over-heads.

**5. The Offers are also to include**

- a) To supply all materials, labour, supervision, services, supports, scaffoldings, approach road, construction equipments, tools and plants etc., as required for proper execution of all the items of the work as per drawing and specification.
- b) To provide all incidental items not shown or specified in particular, but reasonable or necessary for successful completion of the work in accordance with the drawings, specifications and schedule of quantities.
- c) Cleaning, Uprooting the stumps, vegetation and old masonry etc., met in the trenches and excavations.
- d) Providing shoring and shuttering to avoid sliding of the soils and removal of the same or completion.
- e) De-watering as required and directed.
- f) Excavation at all depths (Unless otherwise mentioned in schedule), stacking separately usable and disposal of surface earth and materials from site as directed.
- g) Curing of ail concrete and cement works as per specification and direction,
- h) Centring, shuttering as required for all concrete work.
- i) Bending, binding, tying the grill & placing in position, including supply of all materials & labour etc.
- j) To provide water and power required for construction testing and commissioning,
- k) Testing of materials and works as per specification and direction

*(Signature)*  
 12.24

Annexure- IList of Plants & Equipments to be deployed on contract work

Sl. No	Type of Equipments	No. of machines required	Marks
1	Concrete mixer	2 Nos	20
2	Concrete Vibrator : Plate type	1 No	10
3	Concrete Vibrator : Needle type	1 No	10
4	Water Tanker	1 No	10
5	Water pump	1 No	05
6	Truck/ Tipper	1 No	10
7	Tractor	1 No	10
8.	Rigid Centering and Shuttering Plates (Steel/Iron)	Minimum area 2000 Sft.	25
		<b>Total</b>	<b>100 marks</b>

SCHEDULE - ACERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We\* am/are\* **related / not related**(\*) to any officer of P.W.D of the rank of Assistant Engineer & above and any officer of the rank of Assistant / Under Secretary and above of the Works Department, Govt. of Odisha I/We\* am/are\* aware that, if the facts subsequently proved to be false, my/our\* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We\* shall be liable to make good the loss or damage resulting from such cancellation.

I//We also note that, non-submission of this certificate will render my / our tender liable for rejection.

(\*) - Strike out which is not applicable

Signature of the Tenderer  
Date:-

**SCHEDULE - B****WORKING EXPERIENCE****LIST OF BUILDING WORKS IN PROGRESS**

Name of Employer	Name of location and name of work	Contract price in Indian Rupees / Agreement no.	Major Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Revised target date of completion of the work, if any	Reasons for slow progress, if any, with the updated billing amount
1	2	3	4	5	6	7	8

**Note:** The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer.

Signature of the Tenderer  
Date.....

**SCHEDULE - C****CERTIFICATE OF TOOLS AND PLANTS**

I/We hereby certify that the following tools and plants, machineries and vehicles are in my /our possession in working orders.

- (i)
- (ii)
- (iii)
- (iv)

I/We also note that, non-submission of this certificate will render my/our tender liable for rejection.

Signature of the Tenderer  
Date.

**WORKING EXPERIENCE**  
**LIST OF BUILDING WORKS EXECUTED**

Name of Employer	Name of location and name of work	Contract price in Indian Rupees/ Agreement no.	Major Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Actual date of completion of the work	Reasons for delay in starting/ completion, if any
1	2	3	4	5	6	7	8

**Note:** The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer.

Signature of the Tenderer  
Date

**SCHEDULE - E**

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERER OR ABANDONMENT OF WORK BY THE TENDERER**

1. a) Is the tenderer currently involved in any litigation relating to the works. Yes / No  
b) If yes: give details:
2. a) Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years. Yes / No
3. a) Has the tenderer or any of its constituent partners failed to perform on any contract work in India during the last 5 years. Yes / No

  
6.2.24

b) If yes, give details:

**Note:**

If any information in this schedule is found to be incorrect or concealed, qualification application will summarily be rejected.

**Signature of Tenderers**

**SCHEDULE - F**

**AFFIDAVIT**

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither my / our firm / company / individuals \_\_\_\_\_ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorise(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.
5. The undersigned undertake that in case of any information furnished by me found to be incorrect, the Government has right to reject the Bid.

(Signature of Tenderer)

Title of Officer

Name of Firm

Date

**CERTIFICATE OF EMPLOYMENT OF UNEMPLOYED GRADUATE  
ENGINEER / DIPLOMA HOLDERS  
(For Super Class / Special Class / 'A' Class Contractors only)**

I / We hereby certify that at present, the following Engineering personnel are working with me / in our firm / company and their bio-data are furnished below.

Sl. No.	Name of Engineering personnel appointed for supervising contractor's work with address	Qualification	Date of Appointment	Monthly emolument	Whether full time engagement and continuous	If they are superannuated / retired / dismissed or removed personnel from state Govt. / Central Govt. / Public Sector Undertaking / private Companies and s or any one ineligible for Government service
1	2	3	4	5	6	7

I / We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Signature of the Tenderer.

Date:-

*[Handwritten Signature]*  
6.2.24

**SCHEDULE - H**

Proposed sub-contracts and firms involved. [Refer ITB Clause 3.2 h]  
(Admissible in case of composite bids only)

Sanction of the works	Value of Sub-contract	Sub-contractor (Name & Address)	Experience in similar work
1	2	3	4

Attach copies of certificates on possession of valid license for executing water supply/sanitary work/building electrification works [Reference Clause 3.2 h]

Signature of the Tenderers.  
Date

**SCHEDULE - I**

**SAMPLE FORMATS  
UNDER TAKING**

**This is to certify that**

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.
3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha or other gazetted officer retired from Government service during last two years without prior permission of the Government of Odisha in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Odisha as aforesaid.

Signature of the Tenderer.  
Date:-

Note: i. Strike out whichever is not applicable

ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

**RELATIONSHIP DECLARATION****To**

**The Tender Inviting Officer,  
Subject: ( Name of the Work)  
Reference : (Bid reference number)**

**Sir,**

Pursuant to clause 2.2 of the ITB, it is to inform that I have relative(s) employed as an Officer in the rank of an Assistant Engineer/Under Secretary under the \_\_\_\_\_ Department. His (Their) details are as follows.

Relationship:

Name:

Designation

Office

Address

Pursuant to clause 2.3 of the ITB, I am to submit herewith the names of persons who are working under my firm having near relatives to any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the \_\_\_\_\_ Department.

Sl no	Name of the my employee and his designation in the firm	Presently working at	Details of his relatives working in the Department
			Relationship Name: Designation Office Address
			Relationship Name: Designation Office Address

I am also duty bound to inform the relationship of any subsequent employment with any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the \_\_\_\_\_ Department. **I am aware that any breach of this condition would render my firm liable for penal action for suppression of facts.**

**Yours Sincerely**

Signature of the Tenderer.

Date:

**APPROVED FOR 55 (Fifty Five) pages only**


**BILL OF QUANTITY****Name of work:-Construction of New PHC Hospital Building at Girishchandrapur**

Sl. No	Item of work	Unit	Qty.	Rate	Amount
1	Earth work in excavation in foundation in hard with initial leads and lifts including dressing and leveling the bed and depositing the excavated earth at places away from work site with all leads and lifts including cost of all labour and T&P and dewatering if required for the work etc. complete	Cum	225.67	206.77	46661.59
2	Filling foundation and plinth with sand well watered & rammed with cost, conveyance, royalty, taxes etc. complete.	Cum	211.46	751.59	158931.10
3	Cement concrete (1:3:6) with 4cm size hard granite metal including cost, conveyance, royalty, taxes, watering and curing etc. complete.	Cum	53.08	5452.50	289406.36
4	Brick work with Fly Ash. bricks in F&P having crushing strength between 75kg/cm <sup>2</sup> in cement mortar (1:6) with cost, conveyance, royalty watering & curing etc. complete.	Cum	62.06	5084.60	315549.23
5	Brick work with Fly Ash. bricks in Super structure having crushing strength between 75kg/cm <sup>2</sup> in cement mortar (1:6) with cost, conveyance, royalty watering & curing etc. complete.	Cum	92.41	5122.51	473396.59
6	Brick work with Fly Ash Bricks in cement mortar (1:4) in superstructure of size 25x12x8 cm having crushing strength not less than 35 kg/cm <sup>2</sup> including cost, conveyance & royalty of materials with labour charges etc complete.	Cum	14.05	5332.19	74902.14
7	R.C.C.M20 grade with using 20mm down grade hard granite C.B. Chips including Cost, Conveyance and royalty etc complete.				
	<b>Ground Floor</b>				
	A )Column base	Cum	25.46	6269.64	159621.60
	C) Plinth beam	Cum	14.00	7088.35	99268.93
	B ) Column	Cum	11.49	14009.36	160992.13
	D ) Lintel	Cum	6.68	13293.20	88808.44
	E) Chajja	Sqm	16.14	1109.07	17904.51
	F) Roof Beam	Cum	13.74	14009.36	192526.82
	G) Stair	Cum	3.263	13883.77	45307.23
	H)Roof slab	Cum	44.02	12638.30	556299.29
8	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qtl	141.23	9259.83	1307788.64
9	16mm (3/4") thick cement plaster (1:6) finished smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	658.95	217.30	143190.14

10	12mm (½") thick cement plaster (1:6) finished smooth to out side smooth surface of brick walls after racking out the joint including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	658.95	152.40	100424.19
11	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	Sqm	342.63	168.00	57562.61
12	12mm (½") thick cement plaster (1:4) finished smooth to out side smooth surface of brick walls after racking out the joint with cement punning for skirting including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	30.80	171.70	5287.54
13	25 mm thick grading concrete on roof slab with 6 mm size H.G. chips on new work including cost, conveyance & royalty of materials.	Sqm	302.87	323.24	97898.53
14	Fixing colour Vitrified tiles in floors of size 600mm x600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, labour T&P etc rrequired for the work all completeas per direction of Engineer-in-charge.	Sqm	265.11	1140.60	302383.55
15	Fixing vitrified tiles for dado in wall cladding on 12 mm. thick cement plaster (1:3) jointed with neat cement slurry etc.	Sqm	379.01	1226.20	464740.56
16	Supplying, fitting and fixing ceramic (antiskid) tile in floors of size 300mm x 300mm of approved make confirming to IS:13755 laid on 20mm thick cement mortar(1:4) and filling joints with white cement of approve quality including cost of all materials, labour T&P etc required for the work.	Sqm	53.07	1120.20	59448.03
17	Providing Color & Grey 80mm thick, M-30 Grade Paver Block of Unipaver model of required size: shape using aggregate of 20mm nominal size for footpath, parking areas, service lanes and other areas including all cost etc. complete.	Sqm	189.97	798.40	151675.98
18	Manufacturing, supplying, fitting and fixing MS iron doors made out of GCI sheet & frame made out of 35mmx35mmx6mm size MS angle iron of approved design including cost, conveyance, royalty, taxes with all labour charges required for the work.	Kg	762.00	111.70	85115.40
19	Cement washing one coat.	Sqm		14.23	0.00
20	Painting two coats with any approved synthetic enamel paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint,	Sqm	53.09	210.80	11191.87

	sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.				
21	Finishing walls with one coat of primer to receive any other shade on new work to give an even shade including cost of primer.	Sqm	1660.54	65.90	109429.41
22	Finishing walls with weather coat over one coat of primer of approved shade on new work two coats to give an even shade including cost of paint.	Sqm	658.95	80.50	53045.59
23	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all labour T & P etc. complete materials taxes,	Sqm	522.92	76.00	39741.74
24	Wall painting two coat with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint	Sqm	1042.86	86.20	89894.26
25	Supplying and fitting, fixing of Unplasticised Poly Vinyl Chloride(UPVC) (FENESTA/NCL VEKA LTD) Casement door-60 series duly manufactured using UPVC reinforced profiles of 60mmx55mmx2.5mm for outer frames 74mmx60mmx2.5mm for casement Window Sash profile capa	Sqm	38.69	8953.00	346417.09
26	Supplying, fitting & fixing of Un-plasticised Poly Vinyl Chloride (UPVC) (FENESTA/ NCL VEKA LTD) Casement Toilet Door -60-series duly manufactured using UPVC reinforced profiles of 60 mmX 55 mm X 2.5 mm for outer frames, 102 mmX 60 mm X 2.25 mm for casement Door Sash Profile and 74 mmX 60 mmX 2.5mm mullion profile capable of mounting single glazing system, structurally reinforced with hot dip galvanised up to 50 microns of minimum thickness of 2.0 mm prefabricated & welded through fusion welding. The Door Sash shall be fitted with 12 mm thick WPC Board of Greenply make duly fixed with EPDM weathering seal resistant accessories like Toilet latching system made of aluminium 1 No. per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/deglazing at site etc., including cost, conveyance of all materials, accessories, labour charges. The materials and product conforming to ASTM D 638-14, EN-477-95 and other applicable codes and standards.	Cum	9.75	8824.00	86073.71
27	Supplying and fitting, fixing of Unplasticised Poly Vinyl Chloride (UPVC) (FENESTA/NCL VEKA LTD) Ventilator top hung-60 series duly manufactured using UPVC reinforced profiles of 60mmx55mmx2.5mm for outer frames	Sqm	22.92	5984.00	137171.68

	75mmx60mmx2.5mm for casement Window Sash profile				
28	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	Sqm	25.91	3512.40	90999.26
29	Plain Cement Concrete of proportion (1:2:4) with 12mm & down graded size crusher broken H.G. chips including cost, conveyance & royalty of materials with all labour charges.	Cum	14.25	6907.50	98415.24
					6517470.98
<b>FIRST FLOOR</b>					
30	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm <sup>2</sup> in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	26.20	5407.34	141,667.00
31	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	A)Column	Cum	3.81	15718.23	59,926.00
	B)Lintel	Cum	0.37	14858.83	5469.59
	C)Wall beam	Cum	0.90	15718.23	14,194.00
	D)Chajjah	Sqm	0.63	1262.52	791.69
	D)Slab	Sqm	2.36	14072.43	33,272.00
32	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qtl	10.91	9283.21	101,270.00
33	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	120.49	222.50	26,808.00
34	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc	Sqm	120.49	158.25	19,067.00
35	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	Sqm	17.97	172.08	3091.65
36	Supplying, fitting & fixing with cost & convaynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				
37	i)Door & grill	Kg	110.25	111.70	12,315.00
38	Painting two coats with any approved synthetic enamale paint of approved quality shade and make over a coat of priming to new wood work/	Sqm	6.83	216.10	1,476.00

	iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.				
39	Distemping two coats to walls with distemper of approved shade on new work to give an even shade encuding cost of distemper etc. complete.	Sqm	138.45	87.80	12,156.00
40	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	29.16	77.38	2,256.00
41	Finishing walls with one coat of primer to receive any other shade on new work to give an even shade including cost of primer.	Sqm	258.94	67.51	17,481.00
42	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	120.49	83.30	10,037.00
<b>Total</b>					<b>6978748.91</b>
<b>Rupees Sixty Nine Lakh Seventy Eight Thousand Seven Hundred Forty Eight Only</b>					
<b>Approved 42 (Forty Two) Items Only</b>					

  
 Block Development Officer  
 Naktideul

My/Our quoted rate is  
 .....% (Both in figures and words excess  
 over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

**NOTES**

1. The Contractor should not write anything excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (Two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No of overwriting: .....

No of interpolation: .....

**TENDER SCHEDULE**

**Name of the Work- Construction of Day Care Sub-Centre Cum Health & Wellness Centre at Jamjori , Naktideul Block**

Sl. No	Item of work	Unit	Qty.	Rate	Amount
<b>GROUND FLOOR</b>					
1	Earth work in excavation in foundation in hard with initial leads and lifts including dressing and leveling the bed and depositing the excavated earth at places away from work site with all leads and lifts including cost of all labour and T&P and dewatering if required for the work etc. complete	Cum	71.03	199.60	14,178.00
2	Filling foundation and plinth with sand well watered & rammed with cost, conveyance, royalty, taxes etc. complete.	Cum	79.75	378.31	30,171.00
3	Cement concrete (1:3:6) with 4cm size hard granite metal including cost, conveyance, royalty, taxes, watering and curing etc. complete.	Cum	17.22	4802.07	82,692.00
4	R.C.C. work of M-20 Grade with 20mm and downgraded b.h.c.b.g. chips including hoisting and laying.				
	i)Column base	Cum	12.00	5210.70	62,528.00
	ii)Plinth Beam	Cum	5.92	5585.87	33,068.00
	iii) Lintel Band	Cum	2.84	8928.60	25,357.00
	iv)Chajja	Cum	21.85	820.30	17,924.00
	v)Column super Structure	Sqm	4.80	11158.50	53,561.00
	vi)Slab	Cum	14.41	9523.30	137,231.00
	vii) Wall beam	Cum	3.82	11158.50	42,625.00
	viii)Stair case	Cum	3.02	10669.40	32,222.00
5	Brick work with Fly Ash. bricks in F&P having crusing strength between 75kg/cm <sup>2</sup> in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	21.38	4343.10	92,835.00
6	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm <sup>2</sup> in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	43.84	4376.40	191,861.00
7	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qtls	45.48	9201.40	418,498.00
8	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	185.55	206.70	38,353.00
9	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc	Sqm	379.24	144.50	54,800.00
10	6mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment per 1 sqm	Sqm	104.16	162.30	16,905.00
11	2.5cm (1") thick A.S. flooring (1:2:4) using 12mm c.b.h.g. chips [Vide AR page-84/2]	Sqm	7.46	320.00	2,387.00

12	12mm (1/2") thick cement plaster (1:4) over brick work including cement punning and bitumen painting over top of wall. [Vide AR page-103/7]	Sqm	19.76	175.40	3,466.00
13	Supplying, fitting & fixing of vetrified tiles of size 600mmx600mmx 10mm of in floors, treads or steps and landing on 25 mm thick bed of cement mortar 1:1 (1 cement: 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.	Sqm	112.57	1260.70	141,917.00
14	Fixing tiles indadoo,skirting and rises of steps on12 mm thick cement plaster in mortar 1:3 (1 cement: 3 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete	Sqm	50.92	1361.60	69,333.00
15	Supplying, fitting & fixing with cost & conveynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				
	i)Door	Kg	94.50	84.00	7,938.00
	ii)Window	Kg	388.80	79.00	30,715.00
	iii)Ventilator/Grill	Kg	56.25	76.00	4,275.00
16	Labour charges for fitting and fixing in position of MS Grill Door, Window grills & Collapsible gate etc complete	Sqm	23.90	78.28	1,871.00
17	Painting 2coats over a coat of primer including cost of paints, labour & sundries etc complete	Sqm	62.88	196.90	12,381.00
18	Providing , fitting & fixing of window (sliding type ) made up Al section 151-154,151-155 as window frame section no 151-155,151-153 and 151-167 as shutter frame with 5 mm thick black glass as panel fitted with ruber bending including locking arrangement	Sqm	8.64	8779.05	75,851.00
19	Providing , fitting & fixing of Al door with OEL anodzed Al door section of 1902 as vertical member 9201 as top member and 9200 as bottom and middle member and 6 mm plain glass in top & bottom portion fixed on door frame by means of tapered clip No 4660 .Rubber beading fricyion stay and the frame to be completed by means of jointing angle no 1855 including all cost of labour T&P hire charges of drilling machine labour charge etc complete.	Sqm	12.78	7358.99	94,048.00
20	Supplying, fitting and fixing of stainless steel of 304 grade in hand railling using 50mm dia of 32mm x 32mm x 2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T & P etc required for the work complete in all respect. (Data for 3.26	Sqm	6.38	3529.20	22,516.00

	sqm.)				
21	Priming one coat of wall primer including cost of paint. Data for 10 Sqm	Sqm	668.95	57.40	38,398.00
22	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	668.95	73.90	49,435.00
23	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	246.40	62.70	15,449.00
24	Distempering two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	265.70	66.30	17,616.00
25	Fixing Granite in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1 cement : 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles. Per 1sqm	Sqm	2.63	1763.90	4,639.00
<b>FIRST FLOOR</b>					
26	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	i) Lintel Band	Cum	2.48	9793.40	24,288.00
	ii)Chajja	Cum	26.10	924.50	24,129.00
	iii)Column super Structure	Sqm	4.00	12468.70	49,857.00
	iv)Slab	Cum	10.77	10506.60	113,156.00
	v) Wall beam	Cum	3.19	12468.70	39,775.00
	vi)Stair case	Cum	2.34	11882.30	27,805.00
27	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm2 in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	30.56	4655.00	142,257.00
28	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	2.12	24.03	9226.20	221,717.00
29	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	163.19	215.30	35,135.00
30	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc	Sqm	320.21	148.00	47,391.00
31	6mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment per 1 sqm	Sqm	63.56	166.30	10,570.00

32	Supplying, fitting & fixing of vetrified tiles of size 600mmx600mmx 10mm of in floors, treads or steps and landing on 25 mm thick bed of cement mortar 1:1 (1 cement: 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.	Sqm	73.54	1282.70	94,330.00
33	Fixing tiles indadoo,skirting and rises of steps on12 mm thick cement plaster in mortar 1:3 (1 cement: 3 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete	Sqm	41.24	1393.20	57,456.00
34	Supplying, fitting & fixing with cost & convaynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				-
	i)Door	Kg	94.50	84.00	7,938.00
	ii)Window	Kg	388.80	79.00	30,715.00
	iii)Ventilator/Grill	Kg	56.25	76.00	4,275.00
35	Labour charges for fitting and fixing in position of MS GrillDoor, Window grills & Collapsible gate etc complete	Sqm	23.90	78.28	1,871.00
36	Painting 2coats over a coat of primer including cost of paints, labour& sundries etc complete	Sqm	46.17	202.70	9,359.00
37	Providing , fitting & fixing of window (sliding type ) made up Al section 151-154,151-155 as window frame section no 151-155,151-153 and 151-167 as shutter frame with 5 mm thick black glass as panel fitted with ruber bending including locking arrangement including all fitting with all charges etccomplete.	Sqm	8.64	8779.05	75,851.00
38	Providing , fitting & fixing of Al door with OEL anodzed Al door section of 1902 as vertical member 9201 as top member and 9200 as bottom and middle member and 6 mm plain glass in top & bottom portion fixed on door frame by means of tapered clip No 4660 .Rubber beading fricyion stay and the frame to be completed by means of jointing angle no 1855 including all cost of labour T&P hire charges of drilling machine labour charge etc complete.	Sqm	12.78	7358.99	94,048.00
39	Supplying, fitting and fixing of stainless steel of 304 grade in hand railling using 50mm dia of 32mm x 32mm x 2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T & P etc required for the work complete in all respect. (Data for 3.26 sqm.)	Sqm	6.38	3529.20	22,516.00
40	Priming one coat of wall primer including cost of paint. Data for 10 Sqm	Sqm	546.96	58.70	32,107.00

41	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	546.96	75.40	41,241.00
42	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	191.56	63.90	12,240.00
43	Distempering two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	310.37	67.90	21,074.00
44	Fixing Granite in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1 cement : 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles. Per 1sqm	Sqm	2.63	1742.00	4,581.00
44	20mm (3/4") thick cement plaster (1:4) grading plaster	Sqm	118.30	234.10	27,694.00
<b>SECOND FLOOR</b>					
45	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	i)Wall beam	Cum	0.42	14036.10	5,895.00
	ii)Column	Cum	0.73	14036.10	10,246.00
	iii)Slab	Sqm	1.36	11682.00	15,888.00
46	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm2 in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	11.97	4975.30	59,554.00
47	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	1.05	2.63	9252.30	24,292.00
48	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	60.06	229.50	13,784.00
49	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	53.17	153.90	8,183.00
50	Supplying, fitting & fixing with cost & conveyance of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				
	i)Door	Kg	75.60	84.00	6,350.00
51	Painting 2coats over a coat of primer including cost of paints, labour& sundries etc complete	Sqm	2.70	202.70	547.00
52	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	121.96	79.00	9,635.00

53	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	54.24	65.20	3,536.00
54	Distemping two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	24.08	69.50	1,674.00
<b>Total</b>					<b>3,370,004.00</b>
<b>Rupees (Thirty Three Lakh Seventy Thousand Four) Only</b>					
<b>Approved 54 (Fifty Four) Items only</b>					

  
 6.2.24  
**Block Development Officer**  
**Naktideul**

My/Our quoted rate is .....% (Both in figures and words excess over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

**NOTES**

1. The Contractor should not write anything excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (Two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No of overwriting: .....

No of interpolation: .....

**TENDER SCHEDULE**

**Name of the Work-Construction of Day Care Sub-Centre Cum Health & Wellness Centre at Ballam, Naktideul Block**

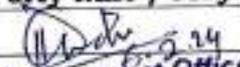
Sl. No	Item of work	Unit	Qty.	Rate	Amount
<b>GROUND FLOOR</b>					
1	Earth work in excavation in foundation in hard with initial leads and lifts including dressing and leveling the bed and depositing the excavated earth at places away from work site with all leads and lifts including cost of all labour and T&P and dewatering if required for the work etc. complete	Cum	71.03	199.60	14,178.00
2	Filling foundation and plinth with sand well watered & rammed with cost, conveyance, royalty, taxes etc. complete.	Cum	79.75	378.31	30,171.00
3	Cement concrete (1:3:6) with 4cm size hard granite metal including cost, conveyance, royalty, taxes, watering and curing etc. complete.	Cum	17.22	4802.07	82,692.00
4	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	i) Column base	Cum	12.00	5210.70	62,528.00
	ii) Plinth Beam	Cum	5.92	5585.87	33,068.00
	iii) Lintel Band	Cum	2.84	8928.60	25,357.00
	iv) Chajja	Cum	21.85	820.30	17,924.00
	v) Column super Structure	Sqm	4.80	11158.50	53,561.00
	vi) Slab	Cum	14.41	9523.30	137,231.00
	vii) Wall beam	Cum	3.82	11158.50	42,625.00
	viii) Stair case	Cum	3.02	10669.40	32,222.00
5	Brick work with Fly Ash. bricks in F&P having crushing strength between 75kg/cm <sup>2</sup> in cement mortar (1:6) with cost, conveyance, royalty watering & curing etc. complete.	Cum	21.38	4343.10	92,835.00
6	Brick work with Fly Ash. bricks In Super-structure having crushing strength between 75kg/cm <sup>2</sup> in cement mortar (1:6) with cost, conveyance, royalty watering & curing etc. complete.	Cum	43.84	4376.40	191,861.00
7	Supplying, fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qtls	45.48	9201.40	418,498.00
8	16mm thick cement plaster (1:6) over brick work with cost of all materials and all labour etc.	Sqm	185.55	206.70	38,353.00
9	12mm thick cement plaster (1:6) over brick work with cost of all materials and all labour etc	Sqm	379.24	144.50	54,800.00
10	6mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment per 1 sqm	Sqm	104.16	162.30	16,905.00
11	2.5cm (1") thick A.S. flooring (1:2:4) using 12mm c.b.h.g. chips [Vide AR page-84/2]	Sqm	7.46	320.00	2,387.00
12	12mm (1/2") thick cement plaster (1:4) over brick work including cement punning and bitumen painting over top of wall. [Vide AR page-103/7]	Sqm	19.76	175.40	3,466.00

13	Supplying, fitting & fixing of vetrified tiles of size 600mmx600mmx 10mm of in floors, treads or steps and landing on 25 mm thick bed of cement mortar 1:1 (1 cement: 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.	Sqm	112.57	1258.40	141,658.00
14	Fixing tiles indadoo,skirting and rises of steps on12 mm thick cement plaster in mortar 1:3 (1 cement: 3 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete	Sqm	50.92	1359.40	69,221.00
15	Supplying, fitting & fixing with cost & conveynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				
	i)Door	Kg	94.50	84.00	7,938.00
	ii)Window	Kg	388.80	79.00	30,715.00
	iii)Ventilator/Grill	Kg	56.25	76.00	4,275.00
16	Labour charges for fitting and fixing in position of MS GrillDoor, Window grills & Collapsible gate etc complete	Sqm	23.90	78.28	1,871.00
17	Painting 2coats over a coat of primer including cost of paints, labour& sundries etc complete	Sqm	62.88	196.90	12,381.00
18	Providing , fitting & fixing of window (sliding type ) made up Al section 151-154,151-155 as window frame section no 151-155,151-153 and 151-167 as shutter frame with 5 mm thick black glass as panel fitted with ruber bending including locking arrangement	Sqm	8.64	8779.05	75,851.00
19	Providing , fitting & fixing of Al door with OEL anodzed Al door section of 1902 as vertical member 9201 as top member and 9200 as bottom and middle member and 6 mm plain glass in top & bottom portion fixed on door frame by means of tapered clip No 4660 .Rubber beading fricyion stay and the frame to be completed by means of jointing angle no 1855 including all cost of labour T&P hire charges of drilling machine labour charge etc complete.	Sqm	12.78	7358.99	94,048.00
20	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50mm dia of 32mm x 32mm x 2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T & P etc required for the work complete in all respect. (Data for 3.26 sqm.)	Sqm	6.38	3529.20	22,516.00
21	Priming one coat of wall primer including cost of paint. Data for 10 Sqm	Sqm	668.95	57.40	38,398.00
22	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	668.95	73.90	49,435.00
23	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	246.40	62.70	15,449.00

24	Distemping two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	265.70	66.30	17,616.00
25	Fixing Granite in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1 cement : 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles. Per 1sqm	Sqm	2.63	1761.50	4,633.00
<b>FIRST FLOOR</b>					
26	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	i) Lintel Band	Cum	2.48	9793.40	24,288.00
	ii)Chajja	Cum	26.10	924.50	24,129.00
	iii)Column super Structure	Sqm	4.00	12468.70	49,857.00
	iv)Slab	Cum	10.77	10506.60	113,156.00
	v) Wall beam	Cum	3.19	12468.70	39,775.00
	vi)Stair case	Cum	2.34	11882.30	27,805.00
27	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm2 in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	30.56	4655.00	142,257.00
28	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	2.12	24.03	9226.20	221,717.00
29	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	163.19	215.30	35,135.00
30	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc	Sqm	320.21	148.00	47,391.00
31	6mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment per 1 sqm	Sqm	63.56	166.30	10,570.00
32	Supplying, fitting & fixing of vetrified tiles of size 600mmx600mmx 10mm of in floors, treads or steps and landing on 25 mm thick bed of cement mortar 1:1 (1 cement: 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.	Sqm	73.54	1280.30	94,153.00
33	Fixing tiles indadoo,skirting and rises of steps on12 mm thick cement plaster in mortar 1:3 (1 cement: 3 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete	Sqm	41.24	1390.90	57,361.00
34	Supplying, fitting & fixing with cost & convaynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				-
	i)Door	Kg	94.50	84.00	7,938.00
	ii)Window	Kg	388.80	79.00	30,715.00
	iii)Ventilator/Grill	Kg	56.25	76.00	4,275.00
35	Labour charges for fitting and fixing in position of MS GrillDoor, Window grills & Collapsible gate etc	Sqm	23.90	78.28	1,871.00

	complete				
36	Painting 2coats over a coat of primer including cost of paints, labour& sundries etc complete	Sqm	46.17	202.70	9,359.00
37	Providing , fitting & fixing of window (sliding type ) made up Al section 151-154,151-155 as window frame section no 151-155,151-153 and 151-167 as shutter frame with 5 mm thick black glass as panel fitted with ruber bending including locking arrangement including all fitting with all charges etccomplete.	Sqm	8.64	8779.05	75,851.00
38	Providing , fitting & fixing of Al door with OEL anodzed Al door section of 1902 as vertical member 9201 as top member and 9200 as bottom and middle member and 6 mm plain glass in top & bottom portion fixed on door frame by means of tapered clip No 4660 .Rubber beading fricylon stay and the frame to be completed by means of jointing angle no 1855 including all cost of labour T&P hire charges of drilling machine labour charge etc complete.	Sqm	12.78	7358.99	94,048.00
39	Supplying, fitting and fixing of stainless steel of 304 grade in hand railling using 50mm dia of 32mm x 32mm x 2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T & P etc required for the work complete in all respect. (Data for 3.26 sqm.)	Sqm	6.38	3529.20	22,516.00
40	Priming one coat of wall primer including cost of paint. Data for 10 Sqm	Sqm	546.96	58.70	32,107.00
41	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	546.96	75.40	41,241.00
42	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	191.56	63.90	12,240.00
43	Distempering two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	310.37	67.90	21,074.00
44	Fixing Granite in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1 cement : 1 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles. Per 1sqm	Sqm	2.63	1739.60	4,575.00
44	20mm (3/4") thick cement plaster (1:4) grading plaster	Sqm	118.30	234.10	27,694.00
<b>SECOND FLOOR</b>					
45	R.C.C. work of M-20 Grade with 20mm and down graded b.h.c.b.g. chips including hoisting and laying.				
	i)Wall beam	Cum	0.42	14036.10	5,895.00
	ii)Column	Cum	0.73	14036.10	10,246.00
	iii)Slab	Sqm	1.36	11682.00	15,888.00

46	Brick work with Fly Ash. bricks In Super-structure having crusing strength between 75kg/cm2 in cement motar (1:6) with cost, coveyance, royalty watering & curing etc. complete.	Cum	11.97	4975.30	59,554.00
47	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	1.05	2.63	9252.30	24,292.00
48	16mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc.	Sqm	60.06	229.50	13,784.00
49	12mm thick cement plaster (1:6) over brick work with cst of all materials and all labour etc	Sqm	53.17	153.90	8,183.00
50	Supplying, fitting & fixing with cost & convaynce of M.S. Grill Door, Window grills & collapsible Gate etc. Complete.				
	i)Door	Kg	75.60	84.00	6,350.00
51	Painting 2coats over a coat of primer including cost of paints, labour& sundries etc complete	Sqm	2.70	202.70	547.00
52	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	121.96	79.00	9,635.00
53	Wall painting 2 coats with weather coat of approved shade on old work to give an even shade. Per 1 sqm. Data for 10 sqm.	Sqm	54.24	65.20	3,536.00
54	Distempering two coats to walls with distemper of approved shade on new work to give an even shade enculding cost of distemper A/R, P- 99, Item No -22	Sqm	24.08	69.50	1,674.00
<b>Total</b>					<b>33,69,349.00</b>
<b>Rupees (Thirty Three Lakh Sixty Nine Thousand Three Hundred Forty Nine ) Only</b>					
<b>Approved 54 (Fifty Four) Items only</b>					

  
**Block Development Officer**  
**Nakideul**

My/Our quoted rate is .....% (Both in figures and words)  
 excess over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

**NOTES**

1. The Contractor should not write anything excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (Two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No of overwriting: .....

No of interpolation: .....

**BILL OF QUANTITY**

**Name of the Work:-** Construction of 3 Nos of E-Type Staff quarters at Naktideul Block Campus

Sl. No	Item of work	Unit	Qty.	Rate	Amount
1	Excavation of foundation in hard soil within initial lead & lift including dressing & leveling the bed and depositing the excavated soil away working area including cost of all labour and T&P for the work.	100 Cum	98.57	20677.02	20382.00
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P required for the work.	Cum	95.14	488.59	46482.00
3	Cement concrete of proportion (1:4:8) with 40mm & down graded size hand broken H.G. metal for foundation concrete approved quality from approved quarry including hoisting, lowering and laying concrete to the required level ramming, watering, curing etc. complete including cost, conveyance & royalty of materials with all labour charges.	Cum	27.93	4840.30	135203.00
6	Brick work with 1st class Fly Ash Bricks of 25x12x8 Cm size having crushing strength not less than 35 kg/cm <sup>2</sup> in cement mortar (1:6) in F & P with watering and curing including cost, conveyance & royalty of materials.	Cum	42.29	4880.50	206395.00
7	Brick work with 1st class Fly Ash Bricks in cement mortar (1:6) in superstructure of size 25x12x8 cm having crushing strength not less than 35 kg/cm <sup>2</sup> including cost, conveyance & royalty of materials with labour charges etc complete.	Cum	35.74	4918.49	175790.00
8	Brick work with 1st class Fly Ash Bricks in cement mortar (1:4) in superstructure of size 25x12x8 cm having crushing strength not less than 35 kg/cm <sup>2</sup> including cost, conveyance & royalty of materials with labour charges etc complete.	Cum	10.28	5405.13	55544.00
4	Cement concrete M20 with 20 mm & down graded size crusher broken H.G. chips for RCC work including hoisting, lowering, laying and compacting concrete, watering including centering and shuttering with cost, conveyance & royalty of materials and all labour charges.				
<b>Ground Floor</b>					
	A )Column base	Cum	12.72	6067.87	77161.00
	C) Plinth beam	Cum	7.57	6886.58	52159.00
	B ) Column	Cum	5.40	13807.58	74566.00
	D ) Lintel	Cum	3.39	13091.43	44402.00
	E) Chajja	Sqm	22.76	1096.46	24956.00
	F) Roof Beam	Cum	6.97	13807.58	96201.00
	G) Stair	Cum	1.506	13682.00	20601.00

	H)Roof slab	Cum	20.58	12436.53	255899.00
5	Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	Qtl	62.44	9234.61	576654.00
9	12mm (½") thick cement plaster (1:4) finished smooth to brick work with cement punning watering and curing and two coats of bitumen painting over top of walls and below the bearing of roof slab cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	22.27	176.00	3919.00
10	16mm (¾") thick cement plaster (1:6) finished smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	306.00	211.50	64719.00
11	12mm (½") thick cement plaster (1:6) finished smooth to out side smooth surface of brick walls after racking out the joint including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	306.00	147.60	45166.00
12	12mm (½") thick cement plaster (1:6) finished smooth to out side smooth surface of brick walls after racking out the joint including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	49.98	147.60	7377.00
13	6 mm thickgrading concrete to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	Sqm	143.80	315.90	45426.00
14	2.5 cm (1") thick A.S. flooring with cement concrete (1:2:4) laid to proper slope using 12 mm size black hard crusher broken HG chips of approved quality from approved quarry including the corners and watering, curing with cost, conveyance & royalty of materials and all labour charges.	Sqm	148.08	332.90	49296.00
15	12mm (½") thick cement plaster (1:4) finished smooth to brick work with neat cement punning for skriting and dados after rackning out joints including watering and curing with cost and conveyance, royalties and taxes of all materials and labour charges required for the work etc complete.	Sqm	19.14	166.20	3180.00
16	Manufacturing, supplying, fitting and fixing MS iron doors made out of GCI sheet & frame made out of 35mmx35mmx6mm size MS angle iron of approved design including cost, conveyance, royalty, taxes with all labour charges required for the work.	Kilogramme	1858.86	111.70	207634.00
17	Wall painting two coat with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint	Sqm	488.01	86.20	42066.00

19	Painting two coats with any approved synthetic enamel paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.	Sqm	67.56	210.80	14241.00
24	Finishing walls with water proofing cement paint of approved shade on new work two coats to give an even shade excluding cost of paint etc. complete.	Sqm	306.00	37.50	11475.00
<b>Total</b>					<b>2356894.00</b>
<b>Rupees (Twenty Three Lakh Fifty Six Thousand Eight Hundred Ninety Four) Only</b>					
<b>Approved 24 (Twenty Four) Items only</b>					

  
 6.2.24  
**Block Development Officer**  
**Naktideul**

My/Our quoted rate is .....% (Both in figures and words excess over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

**NOTES**

1. The Contractor should not write anything excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (Two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No of overwriting: .....

No of interpolation: .....

**BILL OF QUANTITY**

<b>Name of the work:</b>	<b>Repair and Maintenance of 100 seated ST Girls and General Boys Hostel of Chhatrapur Ashram School</b>
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SL No.	Description of Items	Unit	Quantity	Rate	Amount
1	2	3	4	5	6
<b>A Colouring of 100 seated ST Girls Hostel at Chhatrapur AS</b>					
1	Distemping two coats to walls with distemper of approved shade on new work to give an even shade excluding cost of distemper.				
	Ground Floor	One Square Meter	326.68	72.40	23652.00
	First Floor	One Square Meter	373.95	74.10	27710.00
2	Finishing walls with Priming one coat with wall primer of approved quality over iron work including cost of paint and cost of all labour with T&P.				
	Ground Floor	One Square Meter	1005.22	53.50	53779.00
	First Floor	One Square Meter	936.54	53.80	50386.00
3	Finishing walls with two coats weather coat paint of approved shade on new work to give an even shade excluding cost of paint.				
	Ground Floor	One Square Meter	309.10	80.50	24882.00
	First Floor	One Square Meter	356.93	83.30	29733.00
<b>B GCI sheet roofing of 100 seated ST Girls Hostel, Goudpada SS</b>					
1	PCC work with cement concrete.(1:2:4) with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers .not exceeding 0.15m depth including watering, curing for required period cost, conveyance, royalty and other taxes of all materials labour, T&P materials required for this item including hire and running charges of the machineries complete as directed by the Engineer-in-charge.	One Cubic Meter	0.21	7524.07	1580.00

2	Supplying all materials, labour, T&P for providing Mild Steel tubular posts and Trusses and base plates made out of ERW tubes, Grade YST 210 conforming to ISS no.1161/79 (3rd Revision) duly painted with red oxide primer etc. complete.	One Quintal	14.72	9926.70	146121.00
3	Labour for fitting & fixing of MS pipes with drilling and nut bolt fitting 4nos at each pillar	Each	18.00	150.00	2700.00
4	Supplying fitting & fixing of Precoated Galvanized iron Profile sheet semi gloss of 1000mm width & total coated thickness 0.30 mm in roof drilling hole in wind ties including fixing of ridges valleys, wind ties etc. complete including cost of sheet & all fitting	One Square Meter	189.00	502.70	95010.00
5	Supply of Aluminium coloured Ridge for fixing at middle of roofing etc complete.	One RM	8.50	578.80	4920.00
<b>C</b>	<b>Repairing of the Toiltes of 100 Seated General Boys Hostel at Chhatrapur Ashram School</b>				
1	Supplying all labour, T&P and dismantling and removing cement concrete including stacking the useful materials for reuse and removing the debris within 50m lead including contractor profit & labour cess etc all complete as per the direction of Engineer-in-charge.	One Cubic Meter	1.35	532.10	718.34
2	Supplying all labour, T&P and earth work in excavation in all kinds of soil within initial lead of 50m lead & initial lift of 1.50m. including rough dressing breaking clods & laying in layers not exceeding 0.30m. In depth, leveling the bed, using pans, vessels for slushy soil & including sundries supervision charges & labour cess etc, as per the direction of Engineer-in-charge.	One Hundred Cubic Meter	5.78	19957.82	115356.20
3	Providing and laying in trenches unplasticised PVC pipes conforming to IS: 4985/2000 of Class IV/HDPE(PE-63) (10 kgf/cm <sup>2</sup> ) of the following nominal bore and pipe fittings including testing as per specification complete. (Earth work in trenches to be measured and paid for separately). (Earth work in trenches to be measured and paid for separately)				
	32mm(1") HDPE(PE-63) (10 kgf/cm <sup>2</sup> )	Each Metre	14.00	97.70	1367.80

4	Providing and fixing to wall or ceiling and floor pvc pipes class conforming to ASTM-D-1785/ 89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor including cost of all materials, conveyance to worksite, contractor profit & labour cess etc all complete and direction of Engineer-in-charge. (including cost of PVC pipe+fittings)				
	25mm dia ASTM-D-1785/ 89 (Sch-80) pipe	Each Metre	12.00	413.70	4964.40
5	Supplying & fixing Rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position etc all complete as per specification and direction of the Engineer in charge.(including cost of PVC tank+Tank jointer+ Ball cock set) 1000 litre capacity three Layer Cylindrical Vertical water storage tanks (White Coloured)+G.I. tank Jointers+Ball cock set.(First Floor)	Each	1.00	28462.20	28462.20
6	Supplying all materials, labour, T&P for Cutting grooves in Pucca floors and walls for taking PVC /SWR pipes and making good the damages as per specification including cost of materials, ,royalty, conveyance, contractor profit & labour cess etc all complete as per direction of Engineer-in-charge.	Each Metre	11.00	155.30	1708.30
7	Supplying all materials, labour, T&P for cutting hole in R.C.C floors and roofs upto 19 cm thick for passing G.I / P.V.C pipes and fittings etc and repairing the holes after insertion of pipes etc with cement concrete (1:2:4) including finishing complete so as to make it leak proof	Each	4.00	142.70	570.80
8	Supplying all materials, labour, T&P for cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per specification.				
	250mm thick wall(for GF&FF)	Each	15.00	42.10	631.50
9	Supplying all materials, labour, T&P for cutting holes through the brick or laterite masonry wall for taking Sand Cast Iron (SCI) /centrifugally cast (spun) iron pipes/PVC and mending good the damages.				
	250mm to 375mm thick wall	Each	7.00	170.90	1196.30

10	Supplying all materials, labour, T&P and Laying of U-PVC pipe class-II, bed concrete (1:4:8) using 40mm size crusher broken metal, encasing PVC pipe with PCC (1:2:4) using 12mm size Crusher Broken chip, earth work in excavation, refilling and removal of surplus earth to a safe distance. Including cost of all materials, conveyance of all materials to worksite, payment of royalty & labour cess etc. all complete as per the specification and direction of the Engineer-in-Charge.				0.00
	110mm O.D.	Each	6.00	715.60	4293.60
11	Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes				0.00
	110mm OD P.V.C. SWR S/S Pipe (ISI type-B)	Each Metre	5.00	391.90	1959.50
12	Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion				
i)	110mm dia PVC SWR coupler	Each	1.00	81.80	81.80
ii)	110 mm dia P.V.C. SWR plain bend 87.5'	Each	2.00	124.70	249.40
iii)	110 mm dia P.V.C. SWR Door bend 87.5'	Each	2.00	158.00	316.00
iv)	110 x 110 x 110mm dia PVC SWR Tee	Each	1.00	175.10	175.10
v)	110mm dia P.V.C. SWR S/J with door	Each	2.00	203.70	407.40
vi)	110mm dia P.V.C. Nahani Trap with out Jally	Each	1.00	118.20	118.20
vii)	110 mm dia P.V.C. SWR Vent Cowl	Each	2.00	30.70	61.40
viii)	110mm dia P.V.C. SWR pipe clip	Each	10.00	22.20	222.00
12	Supplying all materials, labour, T&P and fitting, fixing of following Sanitary & P.H. Fixtures as per specification including cost of all materials, conveyance, contractor profit & labour cess etc all complete as per the direction of Engineer-in-charge.				
i)	Porcelain 23" I.W.C.(Orissa Pan)+PTrap 125mm x 110mm (Long)	Each	2.00	2978.10	5956.20
ii)	Porcelain E.W.C. with P-trap	Each	1.00	5354.70	5354.70
iii)	10 liter pvc low level cistern with fittings	Each	2.00	1479.70	2959.40
iv)	Porcelain 22"x 16"(550x400) W.H.B+C.I. Basin Bracket in pair	Each	2.00	2239.50	4479.00
v)	24"x 18" x 10" STEEL sink single bowl(Mousumi)+C.I. Basin Bracket in pair	Each	1.00	4222.60	4222.60
vi)	15mm dia C.P. angular stop cock+C.P. flange(Big)+C.P. extension piece-3"	Each	2.00	855.70	1711.40
vii)	15mm dia C.P. short body cock+C.P. flange(Big)+C.P. extension piece-3"	Each	2.00	997.60	1995.20

viii)	115mm dia C.P. Long body bib cockwith flange+C.P. extension piece-3"	Each	2.00	1287.90	2575.80
ix)	CP Shower (Over Head)+CP Arm for Over head Shower	Each	1.00	1859.40	1859.40
x)	15mm dia C.P concealed stop cock+C.P. extension piece-3"	Each	1.00	952.20	952.20
xi)	Hand Shower Health Faucet)ABS Body with 1.00 meter long Easy Flex Tube in Chrmoefinish & wall hook	Each	1.00	1258.70	1258.70
xii)	C.P. waste. (32mm - Small)	Each	2.00	210.90	421.80
xiii)	C.P. Sink waste. (80/32)	Each	1.00	307.50	307.50
xv)	Mirror(Best Quality)	Each	1.00	1162.70	1162.70
xvii)	15mmx600mm PVC connection pipe	Each	4.00	94.00	376.00
xviii)	32mmx 1150mm long PVC waste pipe	Each	4.00	104.00	416.00
xx)	Soap dish /Oval	Each	4.00	319.80	1279.20
xxi)	15mm dia PVC Bib cock	Each	3.00	165.00	495.00
xxii)	25mm dia UPVC Ball Valve long Handle (Water Tec)(Water Tec/Prayag /Reputed Make)	Each	2.00	472.40	944.80
13	Sulpplying,Fitting,fixing up Al Door with OEL Anodised Al Door Section of 9202 asvertical member , 9201 as Top member and 9200 as bottom Memberand middle member and 12mm thick prelaminated board fixed on door frame by means of tapered clip no 4660 and the frame completed by means of jointing angle no 18555 including all cost , labour and taxes and hire charges of drill machine.	One Square Meter	28.68	678.50	19461.33
14	Fixing colour Glazed tiles in wall on 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including polishing complete as per direction of Engineer-in-charge.				
	Ground Floor	One Square Meter	32.19	850.50	27377.00
	First Floor	One Square Meter	26.82	866.20	23236.00
15	Fixing colour ceramic tiles in floors of size 300mm x300 mm of approved make conforming IS:13755 laid on 20 mm thickcement mortar(1:1)and filling joints with white cement of approved quality including cost of all work all completeas per direction of Engineer-in-charge. materials, labour T&P etc rrequired for the work all complete as per direction of Engineer-in-charge.				
	Ground Floor	One Square Meter	8.28	845.04	6997.00
	First Floor	One Square Meter	8.28	863.92	7153.00

<b>D Coloring of General ST Boys Hostel at Chhatrapur AS</b>					
1	Dismantling brick or stone masonry in lime or cement mortar under 3M height including stacking the useful materials for reuse and removing the debris within 50M lead per 1 Cum				
	Ground Floor	One Square Meter	3.47	1203.60	4176.00
	First Floor	One Square Meter	3.47	1263.80	4385.00
2	Removing old lime or cement plaster from walls including raking out joints 12mm deep and removing the debris within 50M lead.				
	Ground Floor	One Square Meter	75.81	43.10	3267.00
	First Floor	One Square Meter	29.73	45.20	1344.00
3	16mm (5/8") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after raking out the joint including cost, conveyance, royalties and taxes of all materials and cost of all labour charges etc complete.				
	Ground Floor	One Square Meter	41.81	220.00	9197.00
	First Floor	One Square Meter	14.40	228.70	3293.28
4	12mm (1/2") thick cement plaster (1:6) finishing smooth to outside smooth surface of brick walls after raking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.				
	Ground Floor	One Square Meter	34.00	154.60	5257.00
	First Floor	One Square Meter	15.33	160.49	2460.00
5	Supplying, fitting, fixing of M.S. grill in windows including screws with cost of conveyance, taxes of all materials, labour, T&P etc complete etc as per direction of Engineer-in-charge.				
	Ground Floor	One Square Meter	67.50	102.20	6899.00

	First Floor	One Square Meter	67.50	102.20	6899.00
6	Painting two coats enamel paint over one coat of priming with ready mixed zinc chromate yellow primer of approved brand on MS door & window including labour & material charges.				
	Ground Floor	One Square Meter	4.18	210.80	881.00
	First Floor	One Square Meter	6.27	216.10	1355.00
7	Finishing walls with Priming one coat with wall primer of approved quality over iron work including cost of paint and cost of all labour with T&P.				
	Ground Floor	One Square Meter	1037.49	53.50	55506.00
	First Floor	One Square Meter	940.72	53.80	50611.00
8	Finishing walls with two coats weather coat paint of approved shade on new wrk to give an even shade excluding cost of paint.				
	Ground Floor	One Square Meter	311.19	80.50	25051.00
	First Floor	One Square Meter	356.93	83.30	29733.00
<b>E</b>	<b>Repair &amp; maintenance of General ST boys Hostel of Chhatrapur AS</b>				
1	Distemping two coats to walls with distemper of approved shade on new work to give an even shade excluding cost of distemper.				
	Ground Floor	One Square Meter	574.54	72.40	41597.00
	First Floor	One Square Meter	578.12	74.10	42838.00
2	Painting two coats enamel paint over one coat of priming with ready mixed zinc chromate yellow primer of approved brand on MS door & window including labour & material charges.				
	Ground Floor	One Square Meter	171.53	210.80	36158.00
	First Floor	One Square Meter	166.56	216.10	35993.00

3	Fixing colour Vitrified tiles in floors of size 600mm x600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, labour T&P etc rrequired for the work all complete as per direction of Engineer-in-charge.				
	Ground Floor	One Square Meter	139.94	1142.90	159932.00
4	Repairing of damaged door 7 window	Each	1.00	20000.00	20000.00
				<b>TOTAL</b>	<b>1175673.73</b>
<b>Rupees (Eleven Lakh Seventy Five Thousand Six Hundred Seventy Three) Only</b>					
<b>Approved 35 (Thirty Five) Items only</b>					

  
 6.2.24  
**Block Development Officer**  
**Naktideul**

My/Our quoted rate is .....% (Both in figures and words) excess over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

**NOTES**

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Tenderer

No. of Correction: .....

No of overwriting: .....

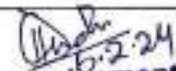
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**BILL OF QUANTITY****Name of the Work-Construction of Day Care Sub-Centre Cum Health & Wellness Centre at Ballam, Naktideul Block**

Sl. No	Item of work	Unit	Qty.	Rate	Amount
1	Earth Excavation of foundation in hard soil within initial lead & lift including leveling the bed & depositing the soil away working area.	Cum	5.73	202.28	1159.06
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P.	Cum	106.70	445.00	47479.47
3	Cement concrete of proportion (1:4:8) with 40mm & down graded size hand broken H.G. metal for foundation concrete including cost, conveyance & royalty of materials with all labour charges.	Cum	17.60	4787.90	84267.00
4	Brick work with 1st class Fly ash.Bricks in cement mortar (1:6) in F&P of size 23X11X8 CM including cost, conveyance & royalty of materials with labour charges etc complete.	Cum	0.00	4869.60	0.00
5	Brick work with K.B.Bricks in cement mortar (1:6) in superstructure of size 23X11X8 CM including cost, conveyance & royalty of materials with labour charges etc complete in all respect.	Cum	52.31	4907.90	256732.26
6	RCC M-20 work with cement concrete C.C.(1:1½:3) with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials labour, T&P materials etc complete.				
a	Column base	Cum	0.00	5857.50	0.00
b	Plinth Beam - Horizontal wall	Cum	2.51	6676.80	16759.00
c	Column Superstructure	Cum	7.15	13998.10	100063.67
d	Lintel band	Cum	2.33	14265.75	33173.72
e	Wall beam	Cum	10.49	14386.60	150915.43
f	Chajja	Cum	0.76	12938.30	9833.10
g	Slab	Cum	26.31	12938.30	340406.67
7	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as required for RCC works including cost, conveyance and taxes of M.S. rod or HYSD steel and binding wires of 18 to 20 gauge and labour charges required for the work etc complete.	Qntl	68.09	9234.60	628783.91

8	16mm (½") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	Sqm	276.84	211.30	58496.29
9	12mm (½") thick cement plaster (1:6) finishing smooth to outside smooth surface of brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	Sqm	239.68	147.40	35328.83
10	6mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slurry treatment including punning including cost, conveyance & royalty of materials.	Sqm	520.21	165.30	85990.71
11	12mm thick cement plaster in cement mortar (1:4) for brick masonry with cement punning for skirting including cost, conveyance & royalty of materials.	Sqm	12.26	172.70	2117.30
12	Manufacturing, supplying, fitting and fixing MS doors & windows & frame made out of 35mmx35mmx6mm size MS angle iron of approved design including cost, conveyance, taxes with all labour charges required for the work.	Kg	1044.50	105.00	109672.50
13	Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make confirming to IS:13755 laid on 20mm thick cement mortar(1:4) and filling joints with white cement of approve quality including cost of all materials, labour T&P etc required for the work.	Sqm	177.02	1115.90	197536.61
14	Supplying, fitting and fixing of Vitrified tiles in toilet & kitchen wall cladding on 12 mm. thick cement plaster (1:3) jointed with neat cement slurry etc.	Sqm	16.95	1088.40	18448.38
15	Providing Color & Grey 60mm thick, M-30 Grade Paver Block of Unipaver model of required size: shape using aggregate of 20mm nominal size for footpath, parking areas, service lanes and other areas including all cost etc. complete.	Sqm	204.38	586.90	119950.62
16	Painting two coats over one coat of priming with ready mixed zinc chromate yellow primer of approved brand on wood work including labour & material charges.	Sqm	181.02	216.90	39262.29
17	Priming to plastered wall surface with wall primer of approved brand on wood work including labour & material charges.	Sqm	1036.73	63.50	65832.35
18	Finishing walls with Weather Paint to exterior surface of wall with approved shade with two coats to give an even shade including cost of paint and cost of all labour with T&P.	Sqm	168.27	146.02	24569.84
19	Distemping two coats with any approved shade over the interior surface of wall etc as directed by Engineer-in-Charge using synthetic distemper including cost, conveyance of all materials including cost of distemper with all taxes and cost of all labour required.	Sqm	797.05	68.80	54837.40

20	Finishing wall surface of walls with Acrylic wall putty (Water based ) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	Sqm	797.05	68.80	54837.40
21	Supplying, fitting, and fixing up window(sliding type) made up Aluminium section 9778 as windows frame,section No.4095,4096 and 9777,3994 as shutter frame with 5mm.thick black glass as panel fitted with rubber beading including locking arrangement including all fittings ,cost of glass etc. complete as per direction of Engineer-in-charge.	Rmt	44.87	3811.40	171017.51
22	Sulpplying,Fitting,fixing up Al Door with OEL Anodised Al Door Section of 9202 asvertical member , 9201 as Top member and 9200 as bottom Memberand middle member and 4mm thick ACP sheet fixed on door frame by means of tapered clip no 4660 and the frame completed by means of jointing angle no 18555 including all cost , labour and taxes and hire charges of drill machine.	Sqm	7.43	6437.30	47829.13
23	Cement concrete of proportion (1:2:4) with 12mm & downgraded size hand broken H.G. chips for foundation concrete including cost, conveyance & royalty of materials with all labour charges.	Cum	6.04	6736.00	40685.44
<b>TOTAL</b>					<b>2795985/-</b>
<b>Rupees ( Twenty Seven Lakh Ninety Five Thousand Nine Hundred Eighty Five) Only</b>					
<b>Approved 23 (Twenty Three) Items Only</b>					

  
**Block Development Officer**  
**Naktidoul**

My/Our quoted rate is .....% (Both in figures and words) excess over/ Less than/ Equal to the estimated cost.

Signature of the Contractor

### **NOTES**

1. The Contractor should not write anything excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (Two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No of overwriting: .....

No of interpolation: .....