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ODISHA POWER TRANSMISSION CORPORATION LTD.

OFFICE OF THE GENERAL MANAGER: ELECT.

EHT (O&M) CIRCLE: CHAINPAL

AT/PO: CHAINPAL COLONY, PIN-759104, and DIST: ANGUL (ODISHA)

PH. NO.06760-211089/ FAX-06760-249222.

Email: ehtm.cle.chp@optcl.co.in

TENDER SPECIFICATION

NO.01/2016-2017

FOR

FOR CONSTRUCTION OF HYDRANT POINTS & REPAIRING OF DRAINAGE SYSTEM IN DIFFERENT GRID S/S UNDER EHT (O&M) CIRCLE, CHAINPAL.

SALE OF TENDER SPECIFICATION:	DT. 22-04-2016
LAST DATE SALE OF TENDER SPECIFICATION:	DT. 10-05-2016
LAST DATE OF SUBMISSION OF TENDER:	DT. 11-05-2016
DATE OF OPPENING OF TENDER:	DT. 11-05-2016
COST OF TENDER PAPER: RS 2000.00+05% VAT (Rs 2100.00)	

ISSUED TO,

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CONTENTS

1. SECTION -I: TENDER CALL NOTICE
2. SECTION -II: INSTRUCTION TO THE TENDERER
3. SECTION -III: GENERAL TERMS & CONDITIONS OF CONTRACT
4. SECTION -IV: TECHNICAL SPECIFICATION & PRICE BID
5. SECTION -V: DECLARATION BY THE BIDDER.

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SECTION-1



ODISHA POWER TRANSMISSION CORPORATION LTD.
(A Government of ODISHA Under Taking)
OFFICE OF THE GENERAL MANAGER: ELECT.
EHT (O&M) CIRCLE: CHAINPAL, AT/PO: CHAINPAL COLONY,
DIST: ANGUL (ODISHA), Pin-759104
PH. NO.06760-211089, Email-ehm.cle.chp@optcl.co.in

TENDER CALL NOTICE NO. 01/ 2016-17

The General Manager (Elect.), E.H.T. (O&M) Circle, Chainpal invites sealed Tenders in duplicate from intending Bidders Having valid CIVIL Contract License with PAN and Service tax regd. for Construction of Hydrant points & Repairing of drainage system in different Grid S/S under EHT (O&M) Circle, Chainpal.

The tender specification can be obtained from the office of The GM EHT (O&M) CIRCLE, CHAINPAL on payment of **Rs. 2000/- (Two Thousand only) + VAT @ 5% (Non Refundable)** in shape of Cash/Bank Draft in favor of EHT (O&M) CIRCLE, CHAINPAL payable at , TTPS, Talcher on any working day upto **01.00PM from Dt.22-04-2016 to Dt.10-05-2016**. In case the B.D made any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the paper cost. The collection fee & Paper cost is Nonrefundable. Additional amount of Rs.100/- (One Hundred only) may be paid extra for postal delivery of the tender specification. The undersigned shall not be held responsible for any postal delay.

The Tender shall be received Up to 01.00 PM of dated 11.05.2016 & will be opened at 03.30 Hours of same day in the Office of the undersigned in the presence of the Bidders (or) their Authorized Representatives present if any. If any of the above date happens to be a holiday, the next working day will be the corresponding effective date. One Tender paper shall be issued to one Bidder. E.M.D @ 1% of the total quoted value should be deposited in shape of Demand Draft / Cash in favour of E.H.T. (O&M) Circle, Chainpal & payable at "UCO Bank", TTPS Branch along with Self Attested Copy of PAN and Service Tax Registration Certificate failing which the tender will be liable for rejection.

The bidder should superscribe only the "Tender Call Notice No. & Date of Opening of the tender on the body of the Sealed Envelope". Bidder should not write their name or any other information on the body of the sealed envelope. Super scribing any other information on the body of the envelop. Conditional tender, Incomplete tender, Telegraphic / Fax / E-mail (etc.) Tenders & Tenders not accompanied with requisite amount of E.M.D. will be rejected. The authority reserves all rights to reject any, all or part of the Tender, alter/modify the requirement/ delete any part of the tender without assigning any reason thereof.

N.B:- Tender Paper must be purchased from this office only within stipulated period. No other mode like downloaded paper from website will be accepted.

GENERAL MANAGER

Energy is precious. Save it.

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SECTION-II

INSTRUCTIONS TO BIDDER

1. The contract shall be valid only for a period of 06 (Six) months from the date of opening of tender. The department reserves the right also to terminate the contract at any time during the contract period without assigning the reasons thereof.
2. The authority reserves the right to award the contract among any responsive bidders against this tender. Besides this, the authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
3. **The bidder has to submit all the documents as mentioned in Clause No.11 of SECTION-III. Also the documents must valid on the date of opening of tender should be submitted along with tenders, failing which the tender will be rejected. The bidder or their authorized representatives should produce the original documents mentioned in Clause No.11 of SECTION-III for verification at the time of opening of the tender. Those who fail to produce the same and found not to be valid on the date of opening of tender not matching with the Xerox copy submitted by the bidder; their tenders will be out rightly rejected. In case if only one bidder participate in the tender process or nature of urgency of work (decided by this office), then undersigned may consider the case (*but not mandatory) & he will be given a chance to produce original documents in this office within one week from the date of opening of the tender.**
4. In case of any dispute arising either in supply of material or any clause of agreement/ work order, the decision of the Unit Head, will be final and binding on the Bidder.
5. Tender with over writing, erased, illegible rates or rates not shown in figures and words in English will be liable for rejection. In case of discrepancy between words and figures noted against each item of the tender and between unit rates and total amount, the decision of the Competent Authority (Committee or Unit Head) accepting the tender will be final and binding on the bidders. Total of item and grand total of whole tender be clearly written. Correction in the tender, if un-avoidable, should be made by re-writing with dated initial of the bidder after scoring out wrong entries, clerical and arithmetical mistakes may result in the rejection of the tender.
6. The bidders shall sign on all pages of the tender document as a token of acceptance of all terms and conditions thereof and submit his quotations therein.
7. The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
8. Request from the bidder in respect of additions alternations, modifications, corrections of either terms or conditions or rates after opening of the tender will not be considered.
9. All correspondence relating to the tender shall be made with General Manager (El.), E.H.T. (O&M) Circle, OPTCL, Chainpal.

N.B:-

- i) *All the materials required for work shall be of good quality relevant to concern IS. Engineer in charge shall ensure the quality of material supplied.*
- ii) *The Rate quoted by the bidder will be judged as per the recent OPWD code.*

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SECTION-III

GENERAL TERMS & CONDITIONS OF CONTRACT

Sealed tenders are invited in duplicate from intending Bidders having valid CIVIL Contract License with PAN and Service Tax Regd. for Construction of Hydrant points & Repairing of drainage system in different Grid S/S under EHT (O&M) Circle, Chainpal.

1. SUBMISSION & OPENING OF TENDER:-

Tender shall be submitted with other documents in duly sealed envelope super scribed on the body of envelope "Tender for Construction of Hydrant points & Repairing of drainage system in different Grid S/S". The bidder should write only Tender Specification No, the name of work and date of opening of the tender on the body of the sealed envelope. Bidder should not write their name or Agency name on the body of the sealed envelope which may make the offer liable for rejection.

2. RIGHT & AUTHORITY FOR REJECTION:- Tenders received after due date and time will be summarily rejected. The General Manager (Electrical), E.H.T. (O&M) Circle, Chainpal reserves the right to reject any or all of the tenders without assigning any reason thereof.

3. VALIDITY OF OFFER:- The offer should be firm and valid for a period of at least 120 days from the date of opening of tenders. Unless the tender will be rejected.

4. EARNEST MONEY DEPOSIT:- The tender should be accompanied with 1% of the total quoted amount towards Earnest Money Deposit (EMD) in shape of **Cash/ Bank Draft** in favour of EHT (O&M) CIRCLE, CHAINPAL payable at UCO Bank, TTPS, Talcher otherwise tender will be out rightly rejected. In case the B.D made any other nationalized bank payable at any clearing branch at Talcher/Angul will be allowed, But the bidders have to deposit the collection fee (Bank transaction fee) along with the EMD. The collection fee is Nonrefundable & It can't be taken into account of EMD deposit. The EMD of the unsuccessful bidders will be returned after finalization of tender. The EMD of the successful bidders will be returned only after the Security money deposited as per the clause No.(6) in Section (III). In case of successful bidder fails to execute the order satisfying all terms & conditions or also fails to commencement of work within stipulated date mentioned in the date of order, the Earnest Money Deposit will be forfeited. No interest will be paid on the EMD to any participator. No other mode than above for EMD Deposit will be accepted & bidder will be out rightly rejected.

5. PRICE:- The bidders are advised to quote their rate as per the price schedule in Section-IV with break up prices including of all Taxes & Duties and shall remain upto the validity of tenders.

6. SECURITY DEPOSIT:- The bidders whose offer qualifies for acceptance will be awarded work order for execution of the works and the bidder shall have to deposit security amount equal to 10% (ten percent) of contract value in shape of cash/bank draft drawn in favour of respective paying officer, of OPTCL, The security deposit shall be released after two months of the guarantee period as stated under clause-10 of SECTION-III on receipt of application for this purpose. No Interest shall be paid to the bidder towards the security deposit so deposited by the Bidder. The security deposit shall be deposited with the respective paying officer of OPTCL prior to commencement of work. The security deposit shall be released after expire of Guarantee period. In case of Non fulfillment of contractual obligation by the supplier, the same so deposited shall be forfeited.

7. COMMENCEMENT & COMPLETION OF WORK:- The works awarded should be commenced from 15 days of the award of the contract and completed within 60 days. If the work could not be completed within scheduled date due to any valid reason, then completion period may be extended on written request by the Bidder. If the work will not commence & complete within the stipulated period, then the penalty should be imposed as per clause No.08 of SECTION-III.

8. PENALTY: - Penalty @ ½%(half per cent) per week up to a maximum of 5% of the total value of the work order will be imposed and recovered from dues admissible if the work will not completed within the specified date in SECTION –III, clause-7. However imposition of penalty clause is subject to force majeure condition.

9. TERMS OF PAYMENT: - 100 % (one hundred percent) payment against Security Deposit along-with full taxes and duties (if any) shall be made after successful completion of the work in all respect and verification reports thereof by respective consignee and Paying Officer and on receipt of funds from Head Office in this regard. After complete execution of work, the bidder shall produce the printed bills to the respective consignee/Paying Officer for effecting payment.

10. GUARANTEE PERIOD: - The work done by the contractor as per contract specification should be guaranteed for satisfactory operation and against any defects, in materials & the workmanship for a period of 18 months from the date of completion of the work or 12 months from the date on which transmission lines/Sub-stations equipment has been put to service, whichever is earlier. The above guarantee certificate shall be furnished in triplicate to the Paying officer for approval. Any defects noticed during the period shall be rectified by the contractors at its own cost, without any financial burden to OPTCL.

11. DOCUMENTS:- The following Xerox copy should be submitted with the tender paper & the same will be verified with original documents at the time of opening of tender.

- i) **Civil Contract License (D class & above)**
- ii) Service Tax Registration Certificate from the Central Excise Deptt.
- iii) Valid PAN/ TIN.
- iv) VAT Regtd. & VAT CC (Optional)
- v) Experience Certificate (weightage will be given in tie condition)

12. ADDITION OR DELETION OF CONTRACT:- The Contract may be altered in quantum as per exigencies of work. The bidder shall accordingly provide services as may be required by the Officer- in -Charge on being given a notice of 15 days

13. ARBITRATION:- In the event of any dispute arising out his contract. The same shall be referred for arbitration to the Director (HRD) OPTCL, Bhubaneswar or any arbitrator appointed by the Chairman- Cum- Managing Director, OPTCL after due notice of claim and such appointment and the award of the arbitrator shall be final and binding arbitration and conciliation Act. 1996 shall apply. The venue of arbitration will be Bhubaneswar.

14. CONSIGNEE:- The AGM/Manager/SDO, of respective S/D will be the consignee for the contract.

15. PAYING OFFICER:- The DGM, EHT(O&M) Division, Chainpal is the paying Officer for contract..

16. JURISDICTION OF COURT:- Suits if any, arising against the work order to be issued to the Bidder shall be filled by either party in any court of law to which the jurisdiction of Odisha High Court extends.

17. SAFETY PRACTICE:- The Bidder must be followed the OPTCL safety Rule while performing the work. The workmen must provided Safety equipment by the contractor while performing the works .No deviation will be allowed and the consignee has got any power to stop the work at any time on the breach of safety practice.

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SECTION-IV

TECHNICAL SPECIFICATION & PRICE SCHEDULE

TECHNICAL SPECIFICATION:- (Hydrant Point)

The Scope of work: - The scope of works must covers the followings & as per instruction of Engineer in charge.

- i) PVC Pipe of IS standard used of any reputed brand.
- ii) Steel having IS-1786 shall be used of any reputed brand which are established, reliable, indigenous and primary producer of steel having integrated steel plant (ISP), using iron ore as basic raw materials as per ministry of steels guideline. No re rolled steel shall be permitted in work.
- iii) 53 grade cement shall be used of any reputed manufacturers of cement inside the state.
- iv) Pond watering shall be provided for RCC work as per the instruction of site in-charge. The contractor has to arrange adequate supply of clean water required for the work whenever necessary at his/her own cost.
- v) The successful bidder shall make his own arrangement for all materials and T&Ps such as concrete mixture, vibrator, PRR etc. for the work.
- vi) The quoted rate for the work will deem to include all incidental items which may necessary for construction of benchmarks, level pillars, profiles, benching levels of the ground etc where required. No extra payment or claim will be admissible on this ground.
- vii) Cleaning of debris where necessary shall be considering as incidental to the work and shall be contractor's responsibility to clean it.

SI No	Description of Work
A	Providing laying and plumbing of PVC Pipes with required fittings for water supply in house plumbing. Including earth work in excavation etc. Complete as per P.H. Specification
	(i) 40mm dia. (1.5") PVC Pipes
	(ii) 25mm dia. (1") PVC Pipes
B	Supplying, fitting and fixing of water valves of approved quality and make, including cost of all material and labour with T&P as required for the work etc. complete.
	(i) Water Valves 1.5" (40mm) dia. (Ball Valve)
	(ii) Water Valve 1" (25mm) dia. (Ball Valve)
C	Providing and fixing of PVC fittings and spares for water supply, including cost of all material and labour with T&P as required for the work etc. complete.
	(i) Socket (40mm Size)
	(ii) Elbow (40mmSize)
	(iii) Tee (40mm Size)
	(iv) Reducer (40mm×25mm)
D	Cement concrete (1:4:8) with 4cm size hard granite metals of approved quality from approved quarry, including cost of all material and labour with T&P as required for the work etc. complete.
E	Brick work with ash bricks 25cm×12cm×8cm size having crushing strength not less than 75kg/cm ² with dimensional tolerance ±8 % in cement mortar (1:6) in foundation and plinth per Cum

F	12mm thick plaster with cement mortar (1:4), including cost of all material and labour with T&P as required for the work etc. complete.
G	Supply and painting with two coats of waterproofing cement of approved quality and make over one coat of cement washing, including cost of all material and labour with T&P as required for the work etc. complete.

PRICE SCHEDULE (Hydrant Point)

Table-1 (132KV Switch st. K.Prasad)

SI No	Description of Work	Unit	Quantity	Rate/ Unit in Rs	Total Amount in Rs.
1	SI No.A Scope of Work	(i) 40mm dia. (1.5") PVC Pipes	Mtr	306	
		(ii) 25mm dia. (1") PVC Pipes	Mtr	1.20	
2	SI No.B Scope of Work	(i) Water Valves 1.5" (40mm) dia. (Ball Valve)	Nos.	05	
		(ii) Water Valve 1" (25mm) dia. (Ball Valve)	Nos.	04	
3	SI No.C Scope of Work	(i) Socket (40mm Size)	Nos	50	
		(ii) Elbow (40mmSize)	Nos	10	
		(iii) Tee (40mm Size)	Nos	04	
		(iv) Reducer (40mm×25mm)	Nos	04	
4	SI No.D Scope of Work	-	Cum	0.12	
5	SI No.E Scope of Work	-	Cum	0.44	
6	SI No.F Scope of Work	-	Sqm	5.20	
7	SI No.G Scope of Work	-	Sqm	5.20	
A	Sub Total	-			
B	Service Tax	@ 14.5% over 70% labour of gross amount			
C	Grand TOTAL (C=A+B)				

In words: (.....
.....) Only

Signature of the Bidder with date

Table-2 (132/33KV Grid S/S Dhenkanal)

Sl No	Description of Work	Unit	Quantity	Rate/ Unit in Rs	Total Amount in Rs.
1	Sl No.A Scope of Work	(i) 40mm dia. (1.5") PVC Pipes	Mtr	360	
		(ii) 25mm dia. (1") PVC Pipes	Mtr	1.80	
2	Sl No.B Scope of Work	(i) Water Valves 1.5" (40mm) dia. (Ball Valve)	Nos.	05	
		(ii) Water Valve 1" (25mm) dia. (Ball Valve)	Nos.	06	
3	Sl No.C Scope of Work	(i) Socket (40mm Size)	Nos	70	
		(ii) Elbow (40mmSize)	Nos	22	
		(iii) Tee (40mm Size)	Nos	10	
		(iv) Reducer (40mm×25mm)	Nos	06	
4	Sl No.D Scope of Work		Cum	0.17	
5	Sl No.E Scope of Work		Cum	0.66	
6	Sl No.F Scope of Work		Sqm	7.8	
7	Sl No.G Scope of Work		Sqm	7.8	
A	Sub Total				
B	Service Tax	@ 14.5% over 40% labour of gross amount			
C	Grand TOTAL (C=A+B)				

In words: (.....
.....) Only

Signature of the Bidder with date

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Table-3 (132/33KV Grid S/S Angul)

Sl No	Description of Work	Unit	Quantity	Rate/ Unit in Rs	Total Amount in Rs.
1	Sl No.A Scope of Work	(i) 40mm dia. (1.5") PVC Pipes	Mtr	310	
		(ii) 25mm dia. (1") PVC Pipes	Mtr	8.25	
2	Sl No.B Scope of Work	(i) Water Valves 1.5" (40mm) dia. (Ball Valve)	Nos.	3	
		(ii) Water Valve 1" (25mm) dia. (Ball Valve)	Nos.	11	
3	Sl No.C Scope of Work	(i) Socket (40mm Size)	Nos	30	
		(ii) Elbow (40mmSize)	Nos	30	
		(iii) Tee (40mm Size)	Nos	15	
		(iv) Reducer (40mm×25mm)	Nos	15	
4	Sl No.D Scope of Work	Cum	0.32		
5	Sl No.E Scope of Work	Cum	1.21		
6	Sl No.F Scope of Work	Sqm	14.30		
7	Sl No.G Scope of Work	Sqm	14.30		
A	Sub Total				
B	Service Tax	@ 14.5% over 40% labour of gross amount			
C	Grand TOTAL (C=A+B)				

In words: (.....
.....) Only

Signature of the Bidder with date

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TECHNICAL SPECIFICATION:- (Drainage System)

The Scope of work: - The scope of works must covers the followings & as per instruction of Engineer in charge.

- i) The Description of work describe in Table below (Table-4).
- ii) Steel having IS-1786 shall be used of any reputed brand which are established, reliable, indigenous and primary producer of steel having integrated steel plant (ISP), using iron ore as basic raw materials as per ministry of steels guideline. No re rolled steel shall be permitted in work.
- iii) 53 grade cement shall be used of any reputed manufacturers of cement inside the state.
- iv) Pond watering shall be provided for RCC work as per the instruction of site in-charge. The contractor has to arrange adequate supply of clean water required for the work whenever necessary at his/her own cost.
- v) The successful bidder shall make his own arrangement for all materials and T&Ps such as concrete mixture, vibrator, PRR etc. for the work.
- vi) The quoted rate for the work will deem to include all incidental items which may necessary for construction of benchmarks, level pillars, profiles, benching levels of the ground etc where required. No extra payment or claim will be admissible on this ground.
- vii) Cleaning of debris where necessary shall be considering as incidental to the work and shall be contractor's responsibility to clean it.

PRICE SCHEDULE (Drainage System)

Table-4 (132KV Switch st. K.Prasad)

Sl No	Description of Work	Unit	Quantity	Rate/ Unit in Rs	Total Amount in Rs.
1	<p>Earth work in ordinary soil within 50cm initial lead and 1.5cm initial lift including roughdressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3cm in depth and as per the direction of the Engineer-in-charge.</p> <p>Trench for Pipe Installation $1\text{nos} \times 40.00\text{mt} \times 0.60\text{mt} \times 1.10\text{mt} = 26.40\text{cum}$</p> <p>Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 1.10 \times 1.30\text{mt} = 4.72\text{cum}$</p> <p>Deduction Trench part at Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 0.60\text{mt} \times 1.10\text{mt} = 2.18(-)\text{cum}$</p>	cum	28.94		
2	<p>Filling in foundation and plinth with sand well watered and rammed including cost of all materials labours, T&P reqd. etc complete.</p> <p>Trench for Pipe installation $1\text{nos} \times 40.00\text{mt} \times 0.60\text{mt} \times 0.10\text{mt} = 2.40\text{cum}$</p> <p>Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 1.10\text{mt} \times 0.10\text{mt} = 0.36\text{cum}$</p> <p>Trench part at Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 0.60\text{mt} \times 0.10\text{mt} = 0.20(-)\text{cum}$</p>	cum	2.56		

3	<p>Cement concrete (1:4:8) with 4cm size hard granite metal including cost of all materials, labours & T&P reqd. etc complete.</p> <p>Trench for Pipe installation $1\text{nos} \times 40.00\text{mt} \times 0.60\text{mt} \times 0.08\text{mt} = 1.92\text{cum}$</p> <p>Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 1.10\text{mt} \times 0.08\text{mt} = 0.29\text{cum}$</p> <p>Trench part at Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 0.60\text{mt} \times 0.08\text{mt} = 0.16(-)\text{cum}$</p>	cum	2.05		
4	<p>Brick work with K.B. bricks 25cm × 12cm × 8cm size having crushing strength not less than 75kg/cm² with dimension tolerance 18% in cement mortar (1:6) in foundation and plinth per cum</p> <p>Water Discharge Chamber $3\text{nos} \times 2(0.85\text{mt}+0.85\text{mt}) \times 0.25\text{mt} \times 1.20\text{mt} = 3.06\text{cum}$</p> <p>Deduction Weep Holes $3\text{nos} \times 8.00 \times 0.25\text{mt} \times 0.125\text{mt} \times 0.08\text{mt} = 0.06(-)\text{cum}$</p>	cum	3.00		
5	<p>12mm thick cement plaster with cement mortar (1:6) including cost of all materials and cost of all labours with T&P as required for the work etc. complete as per the direction of EIC</p> <p>Water Discharge Chamber (Outside surface wall surfaces) $3\text{nos} \times 4 \times 1.10\text{mt} \times 1.20\text{mt} = 15.84\text{sqm}$</p>	Sqm	15.84		
6	<p>12mm thick cement plaster (1:4)with cement punning, including cost of all materials and cost of all labours with T&P as required for the work etc. complete as per the direction of EIC</p> <p>Water Discharge Chamber (Inside wall side surface) $3\text{nos} \times 4 \times 0.60\text{mt} \times 1.10\text{mt} = 7.92\text{sqm}$</p>	Sqm	7.92		
7	<p>12mm thick cement plaster (1:4) over brick work including cement punning and bitumen painting over top of wall surfaces, including cost of all materials and cost of all labours with T&P as required for the work etc. complete as per the direction of EIC</p> <p>Water Discharge Chamber (Inside wall side surface) $3\text{nos} \times 2(0.85\text{mt}+0.85\text{mt}) \times 0.25\text{mt} = 2.55\text{sqm}$</p>	Sqm	2.55		
8	<p>Cement concrete (1:1:5:3) with 12mm size broken hard granite chips for R.C.C. works including hoisting and lying including cost of all materials, labours T&P required etc. complete. (In RCC Slab)</p> <p>Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 1.10\text{mt} \times 0.10\text{mt} = 0.36\text{cum}$</p>	cum	0.36		
9	<p>Reinforced cement concrete (1:1:5:3) for HUME PIPE with using 12mm size hard crusher broken granite chips of approved quality from approved quarry, including cost of all materials and cost of all labours with T&P as required for the work etc. complete as per the direction of EIC</p> <p>HUME PIPE (0.20mt Dia) $4\text{nos} \times 9.55\text{mt} \times (22/7) \times 0.25^2 - 0.20^2 = 2.70\text{cum}$</p>	cum	2.70		

10	Supplying fitting and placing uncoated HYSD bar reinforcement complete as drawing and technical specification MS Rod Reinforcement for Foundation and Plinth $2.70\text{cum} @ 0.80 \text{ Qntl/Cum} = 2.16\text{Qntl}$ $0.36\text{cum} @ 0.80 \text{ Qntl/Cum} = 0.29\text{Qntl}$	Qntl	2.45		
11	Cement concrete (1:2:4) with 12mm size hard broken granite chips, including cost of all materials, labours, T&P required etc. complete. Top of HUME PIPE $4\text{nos} \times 9.55\text{mt} \times (22/7) \times 0.33^2 \times 0.25^2 = 4.50\text{cum}$	cum	4.50		
12	Filling in foundation and plinth with excavated materials including watering and ramming as directed by EIC Trench for Pipe Installation $1\text{nos} \times 40.00\text{mt} \times 0.60\text{mt} \times 1.10\text{mt} = 26.40\text{cum}$ Deductions Water Discharge Chamber $3\text{nos} \times 1.10\text{mt} \times 0.60\text{mt} \times 1.10\text{mt} = 2.18(-) \text{ cum}$ Sand Filling Quantity $4\text{nos} \times 9.55\text{mt} \times 0.60\text{mt} \times 0.10\text{mt} = 2.29(-) \text{ cum}$ RCC HUME PIPE portions $4\text{nos} \times 3.14 \times 0.10^2\text{mt} \times 9.55\text{mt} = 1.19(-) \text{ cum}$	cum	16.24		
A	Sub Total		-		
B	Service Tax		@14.5% over 40% labour of gross amount		
C	Grand TOTAL (C=A+B)				

In words: (.....
.....) Only

Signature of the Bidder with date

OPTCL

Lifeline of Odisha

SECTION-V

DECLARATION BY THE BIDDER

1. Name of the bidder with Detailed postal address with Contact Number.
2. Earnest money deposited vide Cash receipt/ Bank Draft No.....Dated..... Amount in Rs.....(Rupees.....) only.
3. Tender Paper Purchased vide Cash receipt/ Bank Draft No.....Dated..... Amount in Rs.....(Rupees.....) only.
4. Xerox copy of PAN/TIN: Furnished/ not furnished
5. CIVIL Contract License Furnished/ not furnished
6. Xerox copy of VAT Registration certificate: Furnished/ not furnished
7. Xerox copy of VAT clearance certificate: Furnished/ not furnished
8. Xerox copy of Service Tax Registration No. Furnished/ not furnished
9. Agreed to furnish & accept Contract Security deposit clause: Yes/ No.
10. Agreed to accept payment terms as per Tender Specification. Yes/ No.
11. Agreed to adhere time period as per the contract: Yes/ No.
12. Agreed to accept penalty clause as per the tender: Yes/ No.
13. Attach past experience certificate for the similar jobs in OSEB/ GRIDCO or any other agencies. Yes/ No.
14. Agreed to keep validity of the offer for one year from the Date of tender opening without any variations in tender clause: Yes/ No.
15. Agreed to obtain labour contract license on event of work order from the competent authority (if required): Yes/ No.

Date:
Place:

Signature of the Bidder
with seal

Lifeline of Odisha