



Ref. 3919(PW)

Date. 27.10.2017


SHORT TENDER CALL NOTICE

1. The Executive Engineer, Division-I, Cuttack Municipal Corporation, at: Bikash Bhawan, Jagannathlane, Badambadi, Po. Arunodaya Market, Dist : Cuttack, Odisha, Pin-753012 on behalf of Municipal Commissioner, Cuttack Municipal Corporation, Cuttack invites sealed **Percentage Rate Bids / Tenders in** sealed cover from the eligible contractors having appropriate class of HT / M.V License as obtained from **ELBO with EPF registered for Sl. No. 1 to 6 and Authorized Dealers / Registered Firms with EPF registered for Sl. No. 7.**

Sl. No	Name of the Work	Amount put to Tender (In Rs.)	E.M.D. (in Rs.)	Class of contractor eligible	Cost of Tender Paper(in Rs.)
1	2	3	4	5	6
1.	Installation of Mini Semi High Mast Lights with LED Flood Light Fittings at Gorakabar in Ward No. 16.	96525.00	1000	H.T. / M.V. Electrical License Holder	400
2.	Supply and installation of LED Semi High Mast Lights at Kochilei Temple Chhak in Ward No. 26.	62362.00	700	H.T. / M.V. Electrical License Holder	400
3.	Supply and installation of LED Semi High Mast Light near Binayak Mandir Chhak, Binayak Nagar in Ward No. 47	62362.00	700	H.T. / M.V. Electrical License Holder	400
4.	Supply and installation of LED Semi High Mast Fitting at Ganesh Mahadev Ground back side of Jagatpur Police Station in Ward No. 49.	62362.00	700	H.T. / M.V. Electrical License Holder	400
5.	Supply and installation of LED Semi High Mast Fitting at the back side of Jagulei Temple, Bidyadharpur in Ward No. 55	62362.00	700	H.T. / M.V. Electrical License Holder	400
6.	Electrical wiring and installation to Dog Sterilisation Centre inside the premises of Veterinary Office at Buxi Bazar.	56073.00	600	H.T. / M.V. Electrical License Holder	400
7.	Supply, installation and commissioning of CC TV Camera inside Council Hall at Biju Bhawan.	87325.00	900	Authorized Dealer / Registered Firms	400

2. The tender documents along with the detail works specification may be seen and download from the website **cmccuttack.gov.in** with effect from **11.00 P.M. on Dt. 28.10.2017 to 5.00 P.M. on Dt. 08.11.2017**. The intending bidders downloading the tender document from the website are supposed to pay the cost of tender document as mentioned in column 6 of the table in shape of Demand Draft / Banker Cheque only drawn in any Nationalized Bank or Schedule Bank in favour of Municipal Commissioner, Cuttack Municipal Corporation, Cuttack Payable at Cuttack
3. Earnest Money Deposit (EMD) as mentioned in the table 4 of the tender call notice should be submitted in shape of National Saving Certificate (NSC) / Kissan Vikash Patra (KVP) / Post Office Savings Book (POSB) / Post office term deposit (POTD) / Fixed Deposit Receipt (FDR) / Demand draft of any Nationalize Bank / Schedule Bank pledged / drawn in favour of Municipal Commissioner, Cuttack Municipal Corporation, Cuttack.
4. The bid / quotation documents shall be submitted through **Registered post, Speed post** designated for the said purpose kept in the Engineering Section of Cuttack Municipal Corporation on or before **5.00 P.M. on dt. 10.11.2017** superscripting tender / quotation for the works along with the following documents.
- Duly signed by the authorized signatory in each page and duly authenticated with seal in token of having read, understood and accepted the terms and condition of the contract.
 - EMD** as specified in column 4 of the table of tender call notice in the manner as prescribed.
 - Attested copies of upto date **valid registration certificates**.

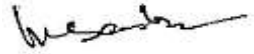
- (iv) Copy of GST IN .
- (v) Attested Xerox copy of upto date **valid PAN Card**.
- (vi) **Bill of Quantity (BOQ)** duly filled in and signed in every page by the tenderer.
5. Bid submitted without cost of bid document, bid security, the required documents as mentioned above or otherwise than in the manner prescribed in the Bid / Quotation document shall be rejected.
6. The bid / quotation shall be opened **at 11.00 PM on dt. 13.11.2017** in the conference Hall of CMC located at Bikash Bhawan in the presence of the tenderers or their authorized representatives who wish to attend.
7. The tenderers should produce all the original documents at the time of opening of tender for verification.
8. The authority reserved the right to reject any or all the tenders without assigning any reason thereof.
9. **Modality of GST as fixed by Govt. shall be imposed.**



Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3920 (PW) Date 27.10.2017

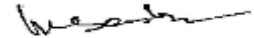
Copy to the Advertising Manager, **Dharitri, BBSR** for publication of tender call Notice in your esteemed daily, once in with a minimum space at the I&PR rate on or before **Dt.28.10.2017** for the information of the general public and submit bills in duplicate along with **copy of the above publication** in favour of the Municipal Commissioner, Cuttack Municipal Corporation, Cuttack for necessary payment at this end. You are further requested to submit a copy of the above publication to the undersigned at Bikash Bhawan, Badambadi Cuttack on the date of publication.



Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3921 (PW) Date 27.10.2017

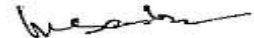
Copy to F.O, CMC for information and necessary action.



Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3922 (PW) Date 27.10.2017

Copy submitted to the Executive Engineer, Div-II / City Engineer / Municipal Commissioner of Cuttack Municipal Corporation, Cuttack for favour of their kind information and necessary action.



Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3923 (PW) Date 27.10.2017

Copy to concerned Asst. Engineer / concerned Junior Engineer, CMC, for information and necessary action.



Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3924 (PW) Date 27.10.2017

Copy submitted to the General Manager, Cuttack Electrical Circle, CESU, Badambadi, Cuttack / Manager, City Distribution, Division-I, CESU, Cuttack / Manager, City Distribution, Division-II, CESU, Cuttack / Executive Engineer-II, G.E.D., Cuttack / S.E.P.H., Cuttack Circle, Cuttack / Executive Engineer, Rural Works Division, Cuttack, Project Director D.R.D.A, Cuttack / Executive Engineer (R&B) Division, Cuttack / M.I Division, Cuttack / Executive Engineer (N.H.) Division, Cuttack / Executive Engineer, Mahanadi South Division, Cuttack / Executive Engineer, Mahanadi North Division, Cuttack / Engineer Member Cuttack Development Authority, Cuttack for information. They are requested to display the said notice in their office notice board for wide publication.



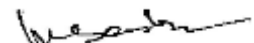
Executive Engineer, Division-I
Cuttack Municipal Corporation

Memo No. 3925 (PW) Date 27.10.2017

Copy to the P.A. to Hon'ble Mayor / Finance Officer / Auditor / Accountant / H.A. (Engg. Section) / H.A.(Adv. Section) / Cashier, C.M.C for information & necessary action.

Copy to Notice Board, Cuttack Municipal Corporation for wide publication.

Copy to R.K.Sahoo, Computer Operator, CMC, for information.



Executive Engineer, Division-I
Cuttack Municipal Corporation

TERMS AND CONDITIONS

1. *As per the Works Department Letter No.5310 / Dtd.02.05.2009 and Letter No.5140 / Dtd.28.04.2009, Labour Cess @ 1 (one) % of construction cost will be deducted from the bill of the contractor. Contractors are requested to quote their rate accordingly.*
2. The Executive Engineer may put an end to this agreement at his option at any time and in the case bad work or materials he may remove the same and have it replace deducting the value of the same as he may think proper from any amount due that may become due to the party making this agreement.
3. EMD as specified in the above table in shape of Demand Draft / Banker's Cheque duly pledged in favour of the Municipal Commissioner, Cuttack Municipal Corporation, Cuttack. The EMD of unsuccessful tenderers shall be refunded in due course. No other mode of payment of EMD shall be accepted. Tender received without EMD shall be rejected outright and will not be considered. Exemption of EMD shall be allowed as per the provision of OPWD codal procedure only. Request for adjustment for any previous deposits towards EMD will not be entertained.
4. The work should be start within 03 (three) days and completed within **01 (One) month** from the date of the issue of the work order as per Notification for period of completion without fail.
5. Extension of time and execution shall be as per the provision of OPWD Codal Procedure.
6. **A) :** The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the written order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be carried on with all due diligence (time being deemed to be of the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to ½ (half) percent on the amount of the estimated cost if the whole work as shown by the tender for every day that the work remains un-commenced or unfinished after proper dates or such smaller amount as the Executive Engineer may decide, whose decision in writing shall be final and binding. The work should not be considered finished until such date as the Engineer-in-Charge shall certify as the date on which the work is finished after necessary rectification of defects as pointed out by the Engineer-in-Charge or his authorized agents are fully complied with by the contractor to the Engineer-in-Charge satisfaction. And further to ensure good progress during the execution of the work the contractor shall be bound in all cases in which the time allowed for any work exceeds one month to complete one fourth of the whole of the work before one-fourth of the whole time allowed under the contract has elapsed, one-half of the work, before one-half of such time has elapsed and three-fourths of the work before three-fourth of such time has elapsed. In the event of the contractor failing to comply with the conditions, he shall be liable to pay as compensation an amount equal to one-third percent on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete or such smaller amount as the City Engineer may decide, whose decision in writing shall be final and binding. Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed 10 percent on the estimated cost of the work as shown in the tender including the cost of EMD.

(B) : If there are possibilities of exceeding this compensation amount as maintained in clause (a) 10% of the estimated cost, or in any case in which under any clause or clauses of this contract, the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit in the hands of the Corporation (whether

paid in one sum or deducted by installments) the Engineer-in-Charge by orders of the Commissioner shall adopt any of the following courses, as he may deemed best suited to the interest of the Corporation.

7. During execution of the work, the Agency must be found present at work site and proper care to the work should be taken by the Agency.
8. **Workmanship :** The contractor shall employ skill workmen competent to the work (holding competency certificate for installation of electrical works). All workmanship shall be of the best quality and all work shall be in accordance with Indian Electricity Rules & Regulations.
9. The Contractor shall furnish, if and when required by the Engineer-in-Charge, original vouchers, test report data of the materials of the concerned company to prove that the material procure by him is as specified.
10. The Contractor shall execute the whole and every part of the work in the most substantial and workman like manner in every respect in strict accordance with the specifications, design, plan, drawing, conditions and instruction in writing relating to the work signed by the Engineer-in-Charge.

Any discrepancy between specifications and the drawings or any error, omission or ambiguity basing the same to the notice of the Engineer and obtain the instruction of the Engineer. Any work done by the contractor after discovery by him of such discrepancy, error, omission, ambiguity without authorization by the Engineer will be entirely at the contractor's risk.

11. The quantities set out by the Cuttack Municipal Corporation in the schedule of quantities and rates annexed to forming part of the contract are the approximately estimated, quantities of work and they shall not be taken to the actual and correct quantities of the work to the executed by the contractor in the fulfillment of his obligation under the contract.
12. **Testing :** When the installation is complete in all respect and ready for handing over, all the tests accordingly to the Indian Electricity Rules shall be carried by the contractor in presence of the Asst. Engineer (Electrical), if it fails the contractor shall at once rectify all defects and short comings and any other additional tests shall be entirely at the contractors expenses and cost.

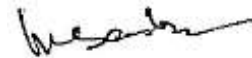
The contractor shall depute his representative to be present during all test and a competent man should be deputed for handing over the charges of all the works until the final acceptance is obtain from owners of the installation.

Note : All apparatus, materials, labourers required from making tests of electrical installation shall be supplied by the contractor only.

13. **Final Bill :** The final bill will be prepared by the Engineer-in-Charge in accordance with the rules of this Corporation in presence of the contractor within one month of the date fixed for completion of the work. The bill will be prepared strictly as per the measurement done and as per actual quantities of the materials used in the work.
14. In the event of acceptance of tender, the tenderer (herein after called the contractor) shall be entered into an agreement with the Municipal Corporation.
15. All the materials, tolls & plants, equipments, cement and steel conforming to the relevant ISI standard and specifications to the supplied by the contractor for utilization in works after approved by the Engineer-in-Charge.
16. Work tax and all other taxes, duties, fees, royalties, entry tax, any other charges required to be paid for construction of the work complete in all respect shall be born by the contractor.
17. The Contractor has to make own arrangement for water, electricity and such similar items required for construction, testing and curing at his cost and risk.

18. If the quantity of the work did differ from the quantity in the bill of quantities for the particular item by more than 25% provided the differential cost due to deviation of that particular item does not exceed 1% of the total contract value, the Engineers only shall allow for such deviation of the work. In no case, Engineer shall deviate the quantities for execution if the initial contract amount as whole is exceeded by 10%. For any deviation work, the Engineer-in-Charge has to obtain written permission from competent authority i.e. Municipal Commissioner, Cuttack Municipal Corporation.
19. The contractor shall bear entire responsibility under Workman Compensation Act and abide by the fair wages clause and Contractor's Regulation incorporated in the agreement. The contractor is to quote the rate accordingly and no extra cost whatsoever on this account the department to fair wage clause shall be entertained.
20. Additional Performance Security shall be deposited by the successful bidder when the bid amount is seriously unbalanced i.e. less than the estimated cost by more than 10% in such an event, the successful bidder will deposit the Additional Performance Security to the extent of the differential cost of the bid amount and 90% of the estimated cost in shape of cash at the Cash Counter of the Cuttack Municipal Corporation, Choudhury Bazar, Cuttack.
21. If the office happens to be closed on the opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.
22. The authority will not be held responsible, if any portion of the bid document is excluded or modified in the downloaded bid document.
23. The Law Court at Cuttack only shall have the jurisdiction to decide any dispute arising out.
24. Any other information can be had from the office of the Executive Engineer, Cuttack Municipal Corporation, Vikash Bhawan, Badambadi, Cuttack.

The authority reserves the right to reject any or all the bids without assigning any reason thereof.



**EXECUTIVE ENGINEER, DIV.I
CUTTACK MUNICIPAL CORPORATION**

AFFIDAVIT

(Applicable for the Bidders not Registered under EPF)

I, Sri/Smt/Ms....., hereby declare as the Contractor/as the authorized signatory on behalf of the Contractor,"....."***(strike out whichever is not applicable)*** do hereby solemnly affirm and state as follows.

1. That as on date, I/we am/are not registered with RPFC (Regional Provident Fund Commission), and solemnly affirm that, I/we shall follow the "**Employees Provident Fund and Misc. Provision Act, 1952 and rules / schemes**", made there under, in case this work is awarded to me/us.
2. That I/we shall submit, after execution of work and before payment of any bill, the detail list of labours, such as,
 - (i) Name :
 - (ii) Father's Name :
 - (iii) Place of Permanent Residence:
 - (iv) Statement of wages paid to them till the completion of the work
3. That, CMC authority will be at liberty to deduct **26%** of the labour component amount of the contract and shall retain it as an **additional security with CMC**.
4. That, in case I/we submit the EPF registration certificate, then the said additional security shall be released to me/us by CMC without any interest subject to fulfilment of other compliances / conditions.
5. That, this affidavit is required to be produced before the authority of Cuttack Municipal Corporation for tender purpose.
That the facts stated above are true to the best of my/our knowledge.

(*) - Strike out which is not applicable

(Deponent)

(Signature of the Tenderer/Authorised Signatory in case of Partnership Firm/Company with Seal of the Firm/Company)

DECLARATION CERTIFICATE

- I. I/We have visited the site and have fully acquainted with the local situation regarding the materials, labour and factors pertaining to the work for completion in all respect before submitting the tender.
- II. I/We have carefully studied the conditions of the construction, specification, contract condition and all other document relating to this work and agree to execute the same accordingly.
- III. I/We solemnly pledge that I/We shall be sincere in discharging my/our duties as responsible contractor and complete the work within the prescribed time limit. In case there are deviation from the construction programme. I/We shall abide by the decision of Engineer-in-charge for revision of the programme and arrange for the labours, materials, equipments etc accordingly.
- IV. In the event of award of the work to me/us, I/We undertake the entire responsibility for the structural stability to re-construct / replace the whole or part of the component of the structure in the event of failure or improper functioning/improper construction within a period of one year from the date of completion without asking for extra payment from any account to the department.
- V. I/We undertake that I/We shall not claim any escalation of cost on account of materials, labourers, taxes, natural calamities, public nuisance, miscreants or from any account in connection with work within execution of the work till the actual completion period and shall not be entertained by the department. (Cuttack Municipal Corporation).
- VI. In case of violation of contents of department's tender documents in shape of extra conditions, or in any form, my / our offer / tender shall be rejected by the department without any intimation to me/us.

SIGNATURE OF CONTRACTOR



-1-

BILL OF QUANTITY

Name of the work : Installation of Mini Semi High Mast Lights with LED Flood Light Fittings at Gorakabar in Ward No. 16.

Amount put to Tender : 96526.00

E.M.D. to be Deposited : 1000

Cost of Tender Paper : 400.00

Time of Completion : One Month

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and erection of 10 Mtrs. long G. I. Step down Tubular Pole (Bottom Specification: 5.00m. Length x 140mm.O.D x 4.50mm. Thickness, Middle Specification: 2.5m. Length x 114mm.O.D, Top Specification: 2.5m. Length x 88mm. O.D) with earth work in excavation of foundation of size 3'-0" x 3'-0" x 3'-0" = 0.76 Cum in all type of soil including rough dressing and leveling the bed etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge. (For Mini High Mast)	1	No.	10000.00	10000.00
2	Providing and laying un-reinforced plain cement concrete pavement with 43 grade cement with M-20 grade mix with 20mm and down graded screened washed hard black crusher broken granite chips including hoisting, lowering, laying, watering, curring etc. complete as per direction of the Engineer-in-Charge. Upto ground level : 1 x 3'-0" x 3'-0" x 3'-0" = 27.00cft. Couping portion : 1 x 1'-6" x 1'-6" x 1'-6" = <u>03.37cft.</u> = 30.37cft. (-) Volume of pole up to top of couping : 3.14 x (0'-5½") ² /4 x 4'-6" = (-) <u>0.71 cft.</u> = 29.66cft. Or Say 0.83 Cum per each	0.83	Cum	5454.00	4526.82
3	Supply of all materials, labour, T&P and transportation for centering and shultering of the couping portion etc. complete as per direction of the Engineer-in-Charge. 4 x 1'-6" x 1'-6" = 9 sq.ft. Or say 0.83 sqm per each	0.83	Sqm	80.00	66.40
4	Supply and fixing of Round Type Head Frame having mounting arrangement on 10 Mtrs. long G. I. Tubular Pole with outer dia 85mm suitable for 8 nos. street light luminaries including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	1	No.	1818.00	1818.00
5	Supply and fixing of lighting Fixtures of 120 Watt. LED Flood Light having powder coated pressure die-cast Aluminum housing Clear toughened glass having following specification: (i) LED : LM80 certified high power LED, (ii) Lens : Suitable secondary lens for better light distribution, (iii) Gear :	4	Set	17675.00	70700.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	Integral, Electronic constant current driver of min. 85% efficiency, (iv) Internal Wiring : Teflon insulated, Cu. Conductor, (v) Hardware : SS & Ms zinc plated & passivated, (vi) Ingress protection : IP66, (vii) Lumen maintenance : 50,000 Hrs @ L70, (viii) Operating temperature : -10°C to 50°C, (ix) Rated voltage & frequency : 240V, 50Hz AC, (x) Wattage : 120 W, (xi) Current : < 0.65A, (xii) Pf : > 0.95, (xiii) Ithd : < 10%, (xiv) Lumen : 10200 lm, (xv)Efficacy : >85lm/W, (xvi) CCT: 5700K, (xvii) CRI : >70, (xviii) Protections: Open & Short circuit protection, reverse polarity protection and surge protection. (Make : BAJAJ/CROMPTON/SURYA/PHILIPS)				
6	G.I. earth pipe electrode with salt and charcoals: Earthing with G. I. earth pipe 3 Mtrs. long 40mm dia of ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as required as per the direction of the Engineer-in-Charge. (with Charcoal and salt) (Sl. No. 3.2) (For Mini High Mast)	1	Set	2010.00	2010.00
7	S/L No.6 SWG G. I. Wire in ground: Supply and laying of No.6 SWG G. I. Wire ISI Marked at 0.5 meter below ground level for conductor eath electrode including soldering etc. as required as per the direction of the Engineer-in-Charge. (Sl. No. 3.8) (For 4 nos. Earthing) (For Mini High Mast)	10	Mtr.	15.00	150.00
8	Supply and stringing of 4Sq.mm twin core PVC insulated PVC sheathed aluminum wire support with No.10 G.I. wire and binding wire including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	50	Mtr.	45.00	2250.00
9	Supply, fitting and fixing of Suspension Clamp with I Hook for stringing of XLPE Aerial Bunched Cable etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge. (For Street Light Extension)	1	No.	657.00	657.00
10	Supply, fitting and fixing of size 0'-3" x 0'-3.1/2" L. T. Shackle Insulator with strap nut and bolt for stringing of XLPE Aerial Bunched cable in the cross arm etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge. (For Street Light Extension)	2	Set	123.00	246.00
11	Supply and stringing of 1 x 35sq.mm. + 1 x 25sq.mm. XLPE Aerial Bunched Cable from pole to pole etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge. (For Street Light Extension)	0.05	K.M	65639.00	3281.95
12	Supply, fitting and fixing of Insulated Piercing Connector main 35 to 95 tap 1.5 to 10sq.mm for power supply to High Mast Fitting etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge. (For Street Light Extension)	1	No.	820.00	820.00
Rupees Ninety Six Thousand Five Hundred Twenty Six only			Total Estimated cost		96526.17
			OR SAY		96526.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



To be filled in by the Contractor participating in the tender process			
My quoted rate are			
_____ % (_____) Excess			
OR			
_____ % (_____) Less			
Over the estimated cost as put to tender			
Date		Signature of the contractor	

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



-2-

BILL OF QUANTITY

Name of the work : **Supply and installation of LED Semi High Mast Lights at Kochilei Temple Chhak in Ward No. 26.**

Amount put to Tender : **62985.00**

E.M.D. to be Deposited : **700**

Cost of Tender Paper : **400.00**

Time of Completion : **One Month**

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and erection of 08 Mtrs. long G.I. Tubular Pole (Bottom Specification: 6.00m. Length x 139.70mm. O.D x 4.85mm. Thickness, Top Specification: 2.00m. Length x 88.90mm. O.D x 3.25mm. Thickness) with earth work in excavation of foundation of size 3'-0" x 3'-0" x 3'-0" = 0.76 Cum in all type of soil including rough dressing and leveling the bed etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	8996.00	8996.00
2	Providing and laying un-reinforced plain cement concrete pavement with 43 grade cement with M-20 grade mix with 20mm and down graded screened washed hard black crusher broken granite chips including hoisting, lowering, laying, watering, curring etc. complete as per direction of the Engineer-in-Charge. Upto ground level : 1 x 3'-0" x 3'-0" x 3'-0" = 27.00cft. Couping portion : 1 x 1'-6" x 1'-6" x 1'-6" = 03.37cft. (-) Volume of pole up to top of couping : 3.14 x (0'-5½")² / 4 x 4'-6" = (-) 0.71 cft. = 29.66cft. Or Say 0.83 Cum per each	0.83	Cum	5399.60	4481.67
3	Supply of all materials, labour, T&P and transportation for centering and shultering of the couping portion etc. complete as per direction of the Engineer-in-Charge. 4 x 1'-6" x 1'-6" = 9 sq.ft. Or say 0.83 sqm per each	0.83	Sqm	79.56	66.03
4	Supply, fitting and fixing of Coil Earthing etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	150.00	150.00
5	Supply and fixing of lighting Fixtures of 90 Watt. LED Street Light having powder coated pressure die-cast Aluminum housing Clear toughened glass having following specification: (i) LED : LM80 certified high power LED, (ii) Lens : Suitable secondary lens for better light distribution, (iii) Gear : Integral, Electronic constant current driver of min. 85% efficiency, (iv) Internal Wiring : Teflon insulated, Cu. Conductor, (v) Hardware : SS & Ms zinc plated & passivated, (vi) Ingress protection : IP66, (vii) Lumen maintenance : 50,000 Hrs @ L70, (viii) Operating temperature : -10°C to 50°C, (ix) Rated voltage & frequency : 240V, 50Hz AC, (x) Wattage : 90 W, (xi) Current : < 0.65A, (xii) Pf : > 0.95, (xiii) Ithd : < 10%, (xiv) Lumen : 7650 lm, (xv) Efficacy : >85lm/W, (xvi) CCT: 5700K, (xvii) CRI : >70, (xviii)	4	Set	10988.00	43952.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	Protections: Open & Short circuit protection, reverse polarity protection and surge protection. (Make : BAJAJ/CROMPTON/SURYA/PHILIPS)				
6	Supply and fixing of 4 Arm Bracket having the following specification with welding of 1"-6" medium gauge M.S. Pipe bended at an angle of 120° and top cover of dia 3½" fixing in the top of Tubular pole including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	1	No.	3366.00	3366.00
7	Supply and stringing of 4Sq.mm twin core PVC insulated PVC sheathed aluminum wire support with No.10 G.I. wire and binding wire including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	30	Mtr.	45.00	1350.00
Rupees Sixty Two Thousand Nine Hundred Eighty Five only				Total Estimated cost	62985.32
				OR SAY	62985.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are _____ % (_____) Excess OR _____ % (_____) Less Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



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BILL OF QUANTITY

Name of the work : **Supply and installation of LED Semi High Mast Light near Binayak Mandir Chhak, Binayak Nagar in Ward No. 47.**

Amount put to Tender : **62995.00**

E.M.D. to be Deposited : **700**

Cost of Tender Paper : **400.00**

Time of Completion : **One Month**

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and erection of 08 Mtrs. long G.I. Tubular Pole (Bottom Specification: 6.00m. Length x 139.70mm. O.D x 4.85mm. Thickness, Top Specification: 2.00m. Length x 88.90mm. O.D x 3.25mm. Thickness) with earth work in excavation of foundation of size 3'-0" x 3'-0" x 3'-0" = 0.76 Cum in all type of soil including rough dressing and leveling the bed etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	8996.00	8996.00
2	Providing and laying un-reinforced plain cement concrete pavement with 43 grade cement with M-20 grade mix with 20mm and down graded screened washed hard black crusher broken granite chips including hoisting, lowering, laying, watering, curring etc. complete as per direction of the Engineer-in-Charge. Upto ground level : 1 x 3'-0" x 3'-0" x 3'-0" = 27.00cft. Couping portion : 1 x 1'-6" x 1'-6" x 1'-6" = 03.37cft. (-) Volume of pole up to top of couping : 3.14 x (0'-5½")² / 4 x 4'-6" = (-) 0.71 cft. = 29.66cft. Or Say 0.83 Cum per each	0.83	Cum	5399.60	4481.67
3	Supply of all materials, labour, T&P and transportation for centering and shultering of the couping portion etc. complete as per direction of the Engineer-in-Charge. 4 x 1'-6" x 1'-6" = 9 sq.ft. Or say 0.83 sqm per each	0.83	Sqm	79.56	66.03
4	Supply, fitting and fixing of Coil Earthing etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	150.00	150.00
5	Supply and fixing of lighting Fixtures of 90 Watt. LED Street Light having powder coated pressure die-cast Aluminum housing Clear toughened glass having following specification: (i) LED : LM80 certified high power LED, (ii) Lens : Suitable secondary lens for better light distribution, (iii) Gear : Integral, Electronic constant current driver of min. 85% efficiency, (iv) Internal Wiring : Teflon insulated, Cu. Conductor, (v) Hardware : SS & Ms zinc plated & passivated, (vi) Ingress protection : IP66, (vii) Lumen maintenance : 50,000 Hrs @ L70, (viii) Operating temperature : -10°C to 50°C, (ix) Rated voltage & frequency : 240V, 50Hz AC, (x) Wattage : 90 W, (xi) Current : < 0.65A, (xii) Pf : > 0.95, (xiii) Ithd : < 10%, (xiv) Lumen : 7650 lm, (xv) Efficacy : >85lm/W, (xvi) CCT: 5700K, (xvii) CRI : >70, (xviii)	4	Set	10988.00	43952.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	Protections: Open & Short circuit protection, reverse polarity protection and surge protection. (Make : BAJAJ/CROMPTON/SURYA/PHILIPS)				
6	Supply and fixing of 4 Arm Bracket having the following specification with welding of 1"-6" medium gauge M.S. Pipe bended at an angle of 120° and top cover of dia 3½" fixing in the top of Tubular pole including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	1	No.	3366.00	3366.00
7	Supply and stringing of 4Sq.mm twin core PVC insulated PVC sheathed aluminum wire support with No.10 G.I. wire and binding wire including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	30	Mtr.	45.00	1350.00
Rupees Sixty Two Thousand Nine Hundred Eighty Five only				Total Estimated cost	62985.32
				OR SAY	62985.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are _____ % (_____) Excess OR _____ % (_____) Less Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



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BILL OF QUANTITY

Name of the work : **Supply and installation of LED Semi High Mast Fitting at Ganesh Mahadev Ground back side of Jagatpur Police Station in Ward No. 49.**

Amount put to Tender : **62985.00**
Cost of Tender Paper : **400.00**

E.M.D. to be Deposited : **700**
Time of Completion : **One Month**

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and erection of 08 Mtrs. long G.I. Tubular Pole (Bottom Specification: 6.00m. Length x 139.70mm. O.D x 4.85mm. Thickness, Top Specification: 2.00m. Length x 88.90mm. O.D x 3.25mm. Thickness) with earth work in excavation of foundation of size 3'-0" x 3'-0" x 3'-0" = 0.76 Cum in all type of soil including rough dressing and leveling the bed etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	8996.00	8996.00
2	Providing and laying un-reinforced plain cement pavement with 43 grade cement with M-20 grade mix with 20mm and down graded screened washed hard black crusher broken granite chips including hoisting, lowering, laying, watering, curring etc. complete as per direction of the Engineer-in-Charge. Upto ground level : 1 x 3'-0" x 3'-0" x 3'-0" = 27.00cft. Couping portion : 1 x 1'-6" x 1'-6" x 1'-6" = 03.37cft. = 30.37cft. (-) Volume of pole up to top of couping : 3.14 x (0'-5½") ² /4 x 4'-6" = (-) 0.71 cft. = 29.66cft. Or Say 0.83 Cum per each	0.83	Cum	5399.60	4481.67
3	Supply of all materials, labour, T&P and transportation for centering and shultering of the couping portion etc. complete as per direction of the Engineer-in-Charge. 4 x 1'-6" x 1'-6" = 9 sq.ft. Or say 0.83 sqm per each	0.83	Sqm	79.56	66.03
4	Supply, fitting and fixing of Coil Earthing etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	150.00	150.00
5	Supply and fixing of lighting Fixtures of 90 Watt. LED Street Light having powder coated pressure die-cast Aluminum housing Clear toughened glass having following specification: (i) LED : LM80 certified high power LED, (ii) Lens : Suitable secondary lens for better light distribution, (iii) Gear : Integral, Electronic constant current driver of min. 85% efficiency, (iv) Internal Wiring : Teflon insulated, Cu. Conductor, (v) Hardware : SS & Ms zinc plated & passivated, (vi) Ingress protection : IP66, (vii) Lumen maintenance : 50,000 Hrs @ L70, (viii) Operating	4	Set	10988.00	43952.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	temperature : -10°C to 50°C, (ix) Rated voltage & frequency : 240V, 50Hz AC, (x) Wattage : 90 W, (xi) Current : < 0.65A, (xii) Pf : > 0.95, (xiii) Ithd : < 10%, (xiv) Lumen : 7650 lm, (xv)Efficacy : >85lm/W, (xvi) CCT: 5700K, (xvii) CRI : >70, (xviii) Protections: Open & Short circuit protection, reverse polarity protection and surge protection. (Make : BAJAJ/CROMPTON/SURYA/PHILIPS)				
6	Supply and fixing of 4 Arm Bracket having the following specification with welding of 1'-6" medium gauge M.S. Pipe bended at an angle of 120° and top cover of dia 3½" fixing in the top of Tubular pole including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	1	No.	3366.00	3366.00
7	Supply and stringing of 4Sq.mm twin core PVC insulated PVC sheathed aluminum wire support with No.10 G.I. wire and binding wire including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	30	Mtr.	45.00	1350.00
Rupees Sixty Two Thousand Nine Hundred Eighty Five only				Total Estimated cost	62985.32
				OR SAY	62985.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are _____% (_____) Excess OR _____% (_____) Less Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



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BILL OF QUANTITY

Name of the work : **Supply and installation of LED Semi High Mast Fitting at the back side of Jagulei Temple, Bidyadharpur in Ward No. 55.**

Amount put to Tender : **62985.00**

E.M.D. to be Deposited : **700**

Cost of Tender Paper : **400.00**

Time of Completion : **One Month**

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and erection of 08 Mtrs. long G.I. Tubular Pole (Bottom Specification: 6.00m. Length x 139.70mm. O.D x 4.85mm. Thickness, Top Specification: 2.00m. Length x 88.90mm. O.D x 3.25mm. Thickness) with earth work in excavation of foundation of size 3'-0" x 3'-0" x 3'-0" = 0.76 Cum in all type of soil including rough dressing and leveling the bed etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	8996.00	8996.00
2	Providing and laying un-reinforced plain cement concrete pavement with 43 grade cement with M-20 grade mix with 20mm and down graded screened washed hard black crusher broken granite chips including hoisting, lowering, laying, watering, curring etc. complete as per direction of the Engineer-in-Charge. Upto ground level : 1 x 3'-0" x 3'-0" x 3'-0" = 27.00cft. Couping portion : 1 x 1'-6" x 1'-6" x 1'-6" = 03.37cft. (-) Volume of pole up to top of couping : 3.14 x (0'-5½")² / 4 x 4'-6" = (-) 0.71 cft. = 29.66cft. Or Say 0.83 Cum per each	0.83	Cum	5399.60	4481.67
3	Supply of all materials, labour, T&P and transportation for centering and shultering of the couping portion etc. complete as per direction of the Engineer-in-Charge. 4 x 1'-6" x 1'-6" = 9 sq.ft. Or say 0.83 sqm per each	0.83	Sqm	79.56	66.03
4	Supply, fitting and fixing of Coil Earthing etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	1	No.	150.00	150.00
5	Supply and fixing of lighting Fixtures of 90 Watt. LED Street Light having powder coated pressure die-cast Aluminum housing Clear toughened glass having following specification: (i) LED : LM80 certified high power LED, (ii) Lens : Suitable secondary lens for better light distribution, (iii) Gear : Integral, Electronic constant current driver of min. 85% efficiency, (iv) Internal Wiring : Teflon insulated, Cu. Conductor, (v) Hardware : SS & Ms zinc plated & passivated, (vi) Ingress protection : IP66, (vii) Lumen maintenance : 50,000 Hrs @ L70, (viii) Operating temperature : -10°C to 50°C, (ix) Rated voltage & frequency : 240V, 50Hz AC, (x) Wattage : 90 W, (xi) Current : < 0.65A, (xii) Pf : > 0.95, (xiii) Ithd : < 10%, (xiv) Lumen : 7650 lm, (xv) Efficacy : >85lm/W, (xvi) CCT: 5700K, (xvii) CRI : >70, (xviii)	4	Set	10988.00	43952.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	Protections: Open & Short circuit protection, reverse polarity protection and surge protection. (Make : BAJAJ/CROMPTON/SURYA/PHILIPS)				
6	Supply and fixing of 4 Arm Bracket having the following specification with welding of 1"-6" medium gauge M.S. Pipe bended at an angle of 120° and top cover of dia 3½" fixing in the top of Tubular pole including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	1	No.	3366.00	3366.00
7	Supply and stringing of 4Sq.mm twin core PVC insulated PVC sheathed aluminum wire support with No.10 G.I. wire and binding wire including cost of materials, labour, T&P and transportation etc. complete as per direction of the Engineer-in-Charge.	30	Mtr.	45.00	1350.00
Rupees Sixty Two Thousand Nine Hundred Eighty Five only				Total Estimated cost	62985.32
				OR SAY	62985.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are _____% (_____) Excess OR _____% (_____) Less Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



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BILL OF QUANTITY

Name of the work : **Electrical wiring and installation to Dog Sterilisation Centre inside the premises of Veterinary Office at Buxi Bazar.**

Amount put to Tender : **56073.00**

E.M.D. to be Deposited : **600**

Cost of Tender Paper : **400.00**

Time of Completion : **One Month**

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Recessed wiring to light point in 20mm dia non-metallic flexible polythene conduit conforming to IS 6946/1973 with I sq.mm. 1.1KV PVC insulated single core multistrand copper wire of ISI marked (Make: Finolex / Havells) conforming to IS 694/1990 and earth continuity in 0.75sqmm PVC insulated single core multistrand copper wire (Make: Finolex / Havells) with modular G.I. concealed sheet metal box (Galvanized) including provision of earth screw with modular switch cover plates including supply and fixing of 6 Amp/ 10 Amp modular I way switch (Make: Anchor (Rorna) / Legrand) of ISI marked mounted on a C.I circular box having front bakelite cover complete with all accessories and connections as per direction of Engineer-in- Charge.				
	i, Short Point	4	No.	462.00	1848.00
	ii. Medium Point	6	No.	544.00	3264.00
	iii. Long Point	2	No.	664.00	1328.00
2	Recessed wiring to fan point in 20mm dia non-metallic flexible polythene conduit conforming to IS 6946/1973 with I sq. mm. 1.1 KV PVC insulated single core multistrand copper wire (Make: Finolex / Havells) of ISI marked conforming IS 694/1990 and earth continuity in 0.75sqmm PVC insulated multistrand copper wire (Make: Finolex / Havells) with modular G.I concealed metal box (Galvanized) including provision of earth screw with modular switch cover plate including supply and fixing of 6 Amp/ 10 Amp modular I way switch (Make: Anchor (Roma) / Legrand) of ISI Marked and round ceiling rose 2 plate of ISI marked on C.I. circular box having front bakelite cover complete with all accessories and connections as per direction of Engineer - in - Charge.				
	i. Medium Point	6	No.	544.00	3264.00
3	Recessed wiring to 3 pin 6Amp/10Amp plug point in 20mm dia non-metallic flexible conduit conforming to IS 6946/1973 with 2.5sqmm 1.1 KV PVC insulated single core multistrand copper wire (Make: Finolex / Havells) of ISI marked conforming to IS 694/1990 and earth continuity in 0.75sqmm. PVC insulated single core multi strand copper wire (Make: Finolex / Havells) of ISI marked with modular G.I concealed sheet metal box (Galvanized) including provision of earth screw with modular flush type cover plate including supply and fixing of 6AMP / 10AMP 250V modular flush type socket of ISI marked conforming to IS 1293/1988 and 6AMP / 10AMP modular flush type switch of ISI marked conforming to IS 3854L1997 fixed on the board complete with all accessories and connections as per direction of Engineer -in - Charge.				

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



	i. On Existing Board	3	No.	217.00	651.00
4	Recessed wiring to 3 pin 15Amp / 20Amp Twin Socket heavy duty plug point with 4.0Sqmm 1.1 KV PVC insulated PVC sheathed single core multistrand copper wire of ISI marked conforming to IS 694/1990 (Make: Finolex / Havells) and earth continuity in 0.75 Sq. mm. PVC insulated Single core multistrand copper wire of ISI marked (Make: Finolex / Havells) in 20mm dia non metallic flexible conduit with modular GI Concealed' sheet metal box 0(Galvanized) including provision of earth Screw with modular flush type cover plate including supply and Fixing of 16AMP / 20AMP 250V modular flush type socket of ISI marked (Make: Anchor (Rorna) / Legrand) conforming to IS 1293/1998 and 16AMP / 20AMP 250V modular flush type switch of ISI marked (Make: Anchor (Roma) / Legrand) conforming to IS 3854/1997 complete with all accessories and connection .The earth pin must be connected to the running earth.	2	No.	499.00	998.00
5	Recessed wiring to submain 2 x 2.5sqmm 1.1 KV PVC insulated single Core ultistrand copper wire (Make: Finolex / Havells) of ISI marked conforming to IS 694 / 1990 in 20nm1 dia non- metallic flexible conduit heavy duty conforming to IS 6946 / 1973 and earth continuity With 0.75 sq.mm. PVC insulated single core multistrand copper wire (Make: Finolex / Havells) of ISI marked complete with all accessories and connection as per direction of Engineer-in-Charge.	80	Mtr.	131.00	10480.00
6	Recessed wiring to sub-main 2 x 4 sq.mm. 1.1 KV PVC insulated single core Multistrand copper wire of ISI marked (Make: Finolex / Havels) confirming to -ISI 694/1990 in 20mm Dia non metallic flexible conduit heavy duty confirming to IS-6946/1973 and earth continuity with 0.75 sq.mm. PVC insulated single core Copper Wire (Make: Finolex / Havells) of ISI marked complete with all accessories and connections.	35	Mtr.	162.00	5670.00
	A) 32Amp. D.P. Main Switches (Sl. No.2.15.1)	1	No.	954.00	954.00
7	S/F SP MCB DB: Supply and fixing of the following way single pole and neutral, sheet steel, MCB dustribution board 250 Volts on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, dib bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing as required as per the direction of the Engineer-in-Charge. (But without MCB/RCCB/Isolator) (Sl. No.2.3)				
	A) 4 way, Single door (Sl. No. 2.3.1)	1	No.	900.00	900.00
8	S/F "B" SERIES, SP MCB : Supply and fixing of 5 Amp to 32 Amp rating 240 Volts "B" searies Miniature Circuit Braacker (MCB) for lighting and otherr loads of the following poles in the existing MCB DB ISI marked comple with connections, testing and commissioning etc. as required as per the direction of the Engineer-in-Charge. (Sl. No.2.6)				
	A) Single Pole (SP) (Sl. No.2.6.1)	4	No.	126.00	504.00
9	Supply and fixing of modular bakelite angle holder of ISI marked conforming to IS 1258/1987 without bulb including all Connection as per direction of Engineer - in - Charge. .	6	No.	49.00	294.00
10	G.I. earth pipe electrode with salt and charcoals: Earthing with G. I. earth pipe 3 Mtrs. long 40mm dia of ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as required as per the direction of the Engineer-in-Charge. (with Charcoal and salt) (Sl. No. 3.2)	1	Set	1990.00	1990.00

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
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11	S/L No.6 SWG G. I. Wire in ground: Supply and laying of No.6 SWG G. I. Wire ISI Marked at 0.5 meter below ground level for conductor eath electrode including soldering etc. as required as per the direction of the Engineer-in-Charge. (Sl. No. 3.8) (For 6 nos. Earthing)	10	Mtr.	15.00	150.00
12	Supply and fixing of 48" Ceiling Fan complete with down rod and electronic regulator etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	4	No	1850.00	7400.00
13	Supply and fixing of 12" Exhaust Fan etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge and as per the direction of the Engineer-in-Charge.	2	No.	2400.00	4800.00
14	Supply and fixing of Baton integrated 18 Watt. LED Tube Light intergral sleek extruded polycarbonate LED Channel with white acrylic cover etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge	6	Set	950.00	5700.00
15	Supply and fixing of Superior type C.I. Bulk Head Fitting for general domestic use, square / Oval type with pre-metallic glass cover provided with galvanized steel wire guard with 9 Watt. LED Lamp including necessary connections.	10	Set	370.00	3700.00
16	Supply and fixing of 25 Amp. Air-Conditioner Starter (Make- Apex) fixing with G.I. board of size 200mm x 150mm x 62mm made of 1.22 mm thick with bakelite cover including provision of earth screw painted with one coat of red oxide paint and two coats of D.A. grey enamel etc. complete with transportation, T&P and labour charges as per the direction of the Engineer-in-Charge.	2	No	1089.00	2178.00
Rupees Fifty Seven Thousand Seventy Three only			Total Estimated cost		56073.00
			OR SAY		56073.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are					
_____% (_____) Excess OR _____% (_____) Less Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



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BILL OF QUANTITY

Name of the work : **Supply, installation and commissioning of CC TV Camera inside Council Hall at Biju Bhawan.**

Amount put to Tender : 87325.00

E.M.D. to be Deposited : 900

Cost of Tender Paper : 400.00

Time of Completion : One Month

Sl. No.	Description of the work proposed for execution	Qty.	Unit	Rate	Amount
1	Supply and installation of Night Vision Dome Camera, range 20 mtr. (1/3rd CCD PCB, 720P HD resolution, wide - Zoom lens as per requirements, Auto Tracking white Balance, Backlite Compensation, High Light Comensation, Adapting Tone Reproduction, Surge Protection) etc. complete as per the direction of the Engineer-in-Charge.	5	No.	5560.00	27800.00
2	Supply and installation of 8 Channel Professional Stand Alone Real Time Digital Video Recorder without hard disk for recording with date and time details for 4 nos. of Cameras (H.264 Main Profile Compression, Full D1, Dual Stream, USB backup, HDM/VGA option, individual input protections) etc. complete as per the direction of the Engineer-in-Charge.	1	No.	14575.00	14575.00
3	Supply and installation of 2 TB Surveillance Hard Disc (Heavy duty, designed for 24 hours running) etc. complete as per the direction of the Engineer-in-Charge.	1	No.	6450.00	6450.00
4	Supply and fixing of Video-Power (3+1) C.C. TV Cables (Solid copper for Video Signal so as to provide reliability of the video signal with cable connector pins etc. complete as per the direction of the Engineer-in-Charge.	200	Mtr.	40.00	8000.00
5	Supply and installation of Regulated Power Supply for above Cameras 5 Amp. (Wide operating range of AC Main supply, individual output terminals for each CCTV Camera, resettable fuse for each individual terminals and individual power indicator etc. complete as per the direction of the Engineer-in-Charge.	5	No.	750.00	3750.00

Number of Corrections :

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Quotationer

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6	Supply and fixing of 4U Box (Rack) for Digital Video Recorder (DVR) etc. complete as per the direction of the Engineer-in-Charge.	1	Set	3550.00	3550.00
7	Supply and fixing of 32" LED Monitor etc. complete as per the direction of the Engineer-in-Charge.	1	No.	23200.00	23200.00
Rupees Eighty Seven Thousand Three Hundred Twenty Five only				Total Estimated cost	87325.00
				OR SAY	87325.00
To be filled in by the Contractor participating in the tender process					
My quoted rate are					
_____ % (_____) Excess					
OR					
_____ % (_____) Less					
Over the estimated cost as put to tender					
Date			Signature of the contractor		

Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

Executive Engineer, Div.I
Cuttack Municipal Corporation



Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer

**Executive Engineer, Div.I
Cuttack Municipal Corporation**



Number of Corrections :

Number of Overwriting :

Number of Interpolation :

Quotationer