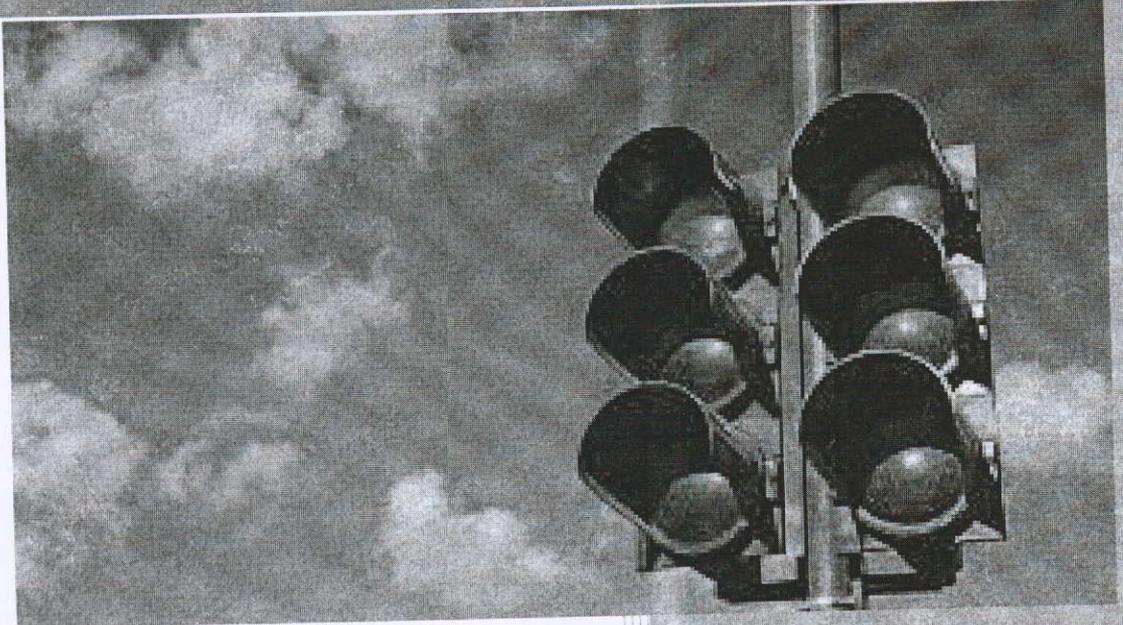




Tender for Repair & Maintenance of Solar Traffic Lights under Ranchi Municipal Corporation Area



YEAR 2017

RFP Reference No. Dated/...../.....

REQUEST FOR PROPOSAL (RFP)

FOR

**“Repair & Maintenance of Traffic Lights under Ranchi
Municipal Corporation Area with Solar Powered
Adaptive System”**

Disclaimer

Ranchi Municipal Corporation (RMC) has prepared this Bid document to give the interested parties the background information on "Repair & Maintenance of Traffic Lights under Ranchi Municipal Corporation Area with Solar Powered Adaptive System".

While RMC has taken due care in the preparation of the information contained herein and believe it to be accurate, neither RMC nor any of its authorities or Bidders nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

The information is not intended to be exhaustive. Interested parties are required to make their own inquiries and respondents shall be required to confirm. They do not rely on the information given in this document in submitting the tender.

RMC reserves the right not to proceed with the selected bidder at any point of time or to change the requirements of the work to alter the time table reflected in this document or to change the process or procedure to be applied.

RMC also reserves the right to decline to discuss the matter further with any party intending to submit the bid. No reimbursement of cost of any type shall be paid to persons or entities submitting the tender.

Sealed quotations are invited in one packet system from manufacturers/ authorized dealers / in the field of ITS (Intelligent Transportation System) with proven track record in Repair & Maintenance of Traffic Lights with Solar Powered Adaptive System". at various median intersection points along the Principal Main Roads, Main Roads of Ranchi City.

Manufacturers/authorized dealers may obtain the tender document with specification of the item from www.ranchimunicipal.com till 15.04.2017 and submit it with a non-refundable tender fee of Rs. 2500/- by way of bank draft drawn in favour of Municipal Commissioner, RMC payable at RMC. Tender papers duly filled in and complete in all respect should reach the office of Transport Cell, Ranchi Municipal Corporation on or before 1.00 P.M. of 15.04.2017. The tenders will be opened on the date & time decided by Procurement Committee of RMC in presence of the tenderers or their authorized representative, if present. The tender must be accompanied by valid VAT / Sales Tax clearance certificate along with an amount of Rs. 1,00,00/- (Ten thousand) only as E.M.D. (refundable) by way of Bank Draft in favour of Municipal Commissioner, RMC payable at RMC. The tenderer must enclose proof of experience of maintenance of such products in previous three years along with the tender papers. E.M.D. shall be refunded to unsuccessful tenderers after final selection of successful tenderer.

The Municipal Commissioner RMC, Ranchi reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Schedule of Bidding Process and Particulars of Bid

S. No	Information	Details
1	Particulars of the work	Repair & Maintenance of Traffic Lights under Ranchi Municipal Corporation Area with Solar Powered Adaptive System
2	Total Number of Traffic Signal Installed	21
3	Period of Work	Initially for a Period of one year which can be renewed further based on performance.
4	Publication of RFP	By 25.03.2017
5	Period of availability of RFP for Bidding	From 25.03.2017 to 15.04.2017
6	Cost of Application Document	2500.00
7	Amount of Earnest Money to be Deposited	10000.00
8	Pre bid meeting	03.04.2017 at 3.00 pm
9	Last date of receipt of queries (through post or direct submission at office)	01.04.2017 till 5.00 pm
10	Address for submission of written queries for clarifications	Transport Cell, Ranchi Municipal Corporation, Kutchery, Ranchi - 834001
11	Last date and time of receipt of proposals (through Speed Post /Registered post only/ Direct Submission at Office)	15.04.2017 till 5.00 pm
12	Date and Time of Bid Opening Validity of Bid	Decided by Procurement Committee of RMC in presence of the tenderers or their authorized representative, if present.
13	Validity of Bid	90 days from the date of opening

A. OBJECTIVE & SCOPE OF WORK

The Primary objective of this work is for making traffic signals operational 24 x 7 in Ranchi City by providing better quality support for repair and maintenance to traffic signals with a view that the signals will work immaculately. This includes:-

Preventive Maintenance: This type of maintenance is the periodic scheduled maintenance to minimize future problems. It includes inspection, calibration, cleaning, testing, sealing, painting, etc. in accordance with a weekly schedule submitted by the successful bidder after the award of work to minimize the probability of unexpected failure and to maximize the life of the equipment. This maintenance is similar to the scheduled maintenance for an automobile. This includes but not limited to;

- ✓ Cleaning of lens, reflectors, LEDs, poles, controller boxes, cable ducts and signal aspect bodies
- ✓ Prevent failure of LEDs
- ✓ Checking, cleaning and correction of controller components especially switches, contacts, terminals, timers and fault Log
- ✓ Detection of cable faults
- ✓ Replacement of fuses
- ✓ Checking of standby power supply source
- ✓ Checking of outstation transmission unit
- ✓ Checking push buttons to ensure for working condition
- ✓ Checking of earthing operation
- ✓ Painting of pole twice in a year
- ✓ Redressing Daily Grievance

Operational maintenance: This type of maintenance is the periodic scheduled (every month) operational maintenance to minimize existing and future congestion problems. This maintenance includes the analysis of traffic signal timings, working of solar panel and other operational activities that can potentially improve safety and mobility at the traffic signal.

Response (Emergency) Maintenance: The goal of providing response maintenance is to restore the traffic signal to normal operation as indicated on the current, approved Traffic permissions. This will basically include the maintenance of signal heads, controller emergency, poles, base plates, pole foundations, etc.

Third Party Damage: In case of any damage due to accident or any other reason or shifting of lights and its accessories due to any govt. activity, if there will be any requirement of replacing any major parts restricted to (a) SPV Modal 74 watt (b) Primary Pole (c) Canti Lever Pole (d)Canti Lever Pole (Horizontal) (e) Extender Pole (f) Poly Carbonate Hood (g)

Poly Carbonate Cover With Light (h) Mounting Frame Assy 6 Panel (i) HDPE Pipe 75
MM (j) 6 Core, 0.5mm Unarmored Cable (k) 6 Core, 0.5mm armored Cable (l) 12 Core,
0.5mm Unarmored Cable (m) 12 Core, 0.5mm armored Cable (n) Modular Timer Display Unit
(o) Control Panel Box with Accessories , Electric Connection, Laying of Cables, Shifting of
Pole and Panel, Civil Work only, the rate of these parts or activities associated with will be paid
by RMC explicitly. Other charges will be the part of AMC

The bidder will maintain a team of technically qualified personnel to maintain the signals continuously over contract period.

The response time for emergency maintenance would be 2 hours and for operational maintenance 24 hours.

The quality of spare or new fixture should be same as of the installed fixture or system which will be installed (if required) after the verification & approval of competent authority of RMC.

The bidder has to take the responsibility of repair & maintenance of all the installed new traffic lights and blinkers up to the project period. The fixture repairing shall be done free of cost for the warranty period. RMC shall not provide any manpower or machinery support for the above task.

B. GENERAL TERMS & CONDITIONS AND ELIGIBILITY CRITERIA

- i) The sealed packets submitted by post should reach and delivered in the office within the stipulated date and time positively. The department will not be held responsible for any delay or loss or damage of the Bid documents during transit and in such events the bids stands rejected summarily. The sealed cover shall be received in the office of Transport Cell, Ranchi Municipal Corporation.
- ii) For participating in this bidding process, the Bidder would be required to comply with the following criteria:
 - a. The bidder shall be a registered firm or authorized dealer of BEL as all the present equipments installed is from BEL. The authorized dealers shall produce the certificate of authorization in force along with the tender.
 - b. Consortium/JV is not allowed.
- iii) Bidders shall have a team of experienced traffic engineers, who possess good knowledge / Experience of the traffic Signals and are capable of repairing and maintaining traffic signals.
- iv) The Bidder should have average annual financial turnover during the last three years (2013-14, 2014-15, and 2015-16) should not be less than Rs. 05 Lakhs.

- v) The Bidder should have experience in the business of maintenance of Road Traffic Signals. *(Attach experience certificate)*
- vi) RMC reserves the right to undertake confidential verification of the bid documents received. Discrepancies found, if any, will be dealt as per the law.
- vii) Rates/Prices to be quoted should be inclusive of all taxes, freight, insurance, charges, etc. Each quantum of payment to be made by RMC to the agency shall be subject to statutory deductions/retention as per relevant practices and rules.
- viii) Electricity connection charges shall be borne by RMC during contract period.
- ix) Tender shall be written in English and the proposal and all the associated documents will be submitted either in English or Hindi language. Documents in other language will not be considered unless and until its translated version is not submitted with it.
- x) The firm should submit valid VAT/ Service tax Clearance certificate from the competent authority along with the tender paper.
- xi) The Municipal Commissioner reserves the right to reject any or all of the tenders without assigning any reasons.
- xii) The successful tenderer shall furnish a performance bank guarantee (BG) of Rs. 50,000 after the award of work.
- xiii) Site Inspection: Bidder(s) are deemed to have got acquainted with the site conditions and also advised to visit the site sufficiently in advance of the date fixed for submission of tender.
- xiv) Before tendering, the bidder shall visit all intersection / sites where traffic lights are installed and satisfy himself to the prevalent conditions and quote accordingly.
- xv) Bidder should have at least one office of their own having their own engineers/technicians in Ranchi.

C. PAYMENT TERMS :

Payment shall be made at the end of every month after successful work of repair and maintenance. The rate shall be all inclusive all taxes and any other charges. The payment will be subject to the provisions of the Income Tax Act, 1961 i.e., Tax will be deducted at source with Cess/ Surcharge, at the prevailing rates, from the gross amount of bill submitted.



D. PENALTY

A penalty of 5 % of the AMC cost will be imposed for failure to respond within 24 hours for operational maintenance and 2.5 % for emergency maintenance if the response exceeds 3 hours.

E. LEGAL DISPUTE AND JURISDICTION OF COURTS

In case any claim, dispute or difference arising in respect of the contract, the cause of action there of shall be deemed to have arisen in Ranchi and all legal proceedings in respect of any such claim, dispute or difference shall be dealt with amicably between the two parties or settled at Ranchi Court Only.



DETAILS TO BE FURNISHED BY THE BIDDERS

1. Name of the Firm/Company: _____
2. Class of Registration with validity date: _____
3. Value of Registration: _____
4. Address for Communication: _____
5. Telephone/Mobile Number: _____
6. E-mail: _____
7. Details of Proprietor/Partner/Director

Name	Address	Qualification and Experience

8. Annual Turnover of the Firm/Company during previous three Financial Years for supply of cartridges (Certified copies of audited Balance Sheet to be submitted):

Financial Year	Annual Turnover(Rs)	Copies of audited Balance Sheet enclosed(Yes/No)
Previous Financial Year(2013-14)		
2nd Previous Financial Year(2014-15)		
3rd Previous Financial Year(2015-16)		



9. PAN, TIN Number of the Firm/Company: _____

10. Service Tax Registration No.: _____

11. EMD Draft Number/Date & Name of the Bank: _____

This is to certify that the above facts are true complete and correct to the best of my knowledge and belief. Further, it is certified that I/We have read and understood the terms and conditions of the Tender Notice.

I/We give an undertaking and give our unconditional and unequivocal acceptance of all terms and conditions of the Tender and agree to abide by these terms and conditions.

Name, Signature & Seal of the Firm/Company



PRICE BID

To,
The Municipal Commissioner,
Ranchi Municipal Corporation,
Ranchi.

Sir,

We have examined the tender for Repair & Maintenance of Traffic Lights under Ranchi Municipal Corporation Area with Solar Powered Adaptive System for one year.

Our charges & rates for the item according to your specification and terms are as under: -

Sr.	Item	Monthly Maintenance Charges/ Unit Rate(including all taxes and other charges) Rs.
1	Repair & Maintenance of Twenty One Traffic Lights under Ranchi Municipal Corporation Area with Solar Powered Adaptive System as per scope of work for one year as per	
2.	Unit rate of AMC of Traffic Light (optional)	
	Items for rate Contract	
3	SPV Module 74 watt	
4	Primary Pole	
5	Canti Lever Pole	
6	Canti Lever Pole (Horizontal)	
7	Extender Pole	
8	Poly Carbonate Hood	
9	Poly Carbonate Cover With Light	

10	Mounting Frame Assy 6 Panel	
11	HDPE Pipe 75 MM	
12	6 Core, 0.5mm Unarmored Cable	
13	6 Core, 0.5mm armored Cable	
14	12 Core, 0.5mm Unarmored Cable	
15	12 Core, 0.5mm armored Cable	
16	Moduler Timer Display Unit	
17	Control Panel Box with Accessories	
18	Electrical Connections (per connections)	
19	Laying of Cable (per meter)	
20	Shifting of Pole along with associated civil works.	
21	Shifting of Panel along with associated civil works.	

Note - Prices/rates should be inclusive of all taxes and charges. RMC shall not provide/ not bear cost of any additional items used in installation, road permit, freight charges & Entry Tax.




(Signature and stamp of the firm)

Date:

Place:

For

Authorized Signatory

List of Locations where Traffic lights are installed in Ranchi City.

Sl.No.	Locations where Traffic Lights are Installed Presently
1	Hec Main Gate
2	Birsa Chowk
3	Hinoo Chowk
4	AG More
5	Sujata Chowk
6	Ratan Pump
7	Sarjana Chowk
8	Siramtohi Chowk
9	Kantatoli Chowk
10	Khel Gaon More
11	Booty More
12	Kantatoli Chowk
13	Jail More
14	Lalpur Chowk
15	Kutchery Chowk
16	Garison Chowk
17	Randhir Verma Chowk
18	Ratu Road (New Market)
19	Kishore Ganj
20	Sahjanand Chowk
21	Argora Chowk

Sub

A

Heam

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