



Tender No- GMDC/Mata no Madh/Elect./CSR/03 2018-19

Name of work:- Supply, transport, installation, commissioning & testing of 2Nos x12mtrs height high mast tower with RCC foundation, 150W flood type LED fittings with all accessories, winch motor with drum, cable, panel & steel rope etc. to be installed at, Mata na Madh & Ravapar Village-Kutch.

DRAFT COPY

Issued to

M/S _____

Pin No _____

GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
(A Govt. of Gujarat Enterprise)
Lignite Project, Mata na Madh , Post:- Ravapar, Ta:- Nakhtrana
Dist:-Kutch Pin-370625
Phone (02831)295543,295567 Fax)02839)2675

Dr. Parag Patel
15/11/19
Manager (Elect.)

(S. P. Patel)
Manager (Civil)

(M. Chaudhary)
Manager (Maint.)

Abhishek
16/11/19
Production S/C

(D. G. M.)
D G M (HR)

(S. K. Singh)
18/11
Asst (Fin.)

(General Manager)
18/11/2019
General Manager (P)

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TENDER NOTICE

Tender No- GMDC/Mata no Madh/Elect./CSR/03 2018-19

Name of work – Supply, transport, installation, commissioning & testing of 12mtrs height high mast tower to be installed at, Mata na Madh village.

1	Tender No	GMDC/Mata no Madh/Elect./CSR/03 2018-19
2	Tender Fee	Rs. 500.00 through DD in the name of GMDC Gramya Vikas trust payable at A'bad
3	Name of work	Supply, transport, installation, commissioning & testing of 2x12mtrs height high mast tower with all accessories with LED 150W flood type fittings & with winch motor for raising –lowering of fitting cradle etc. to be installed at, Mata na Madh & Ravapar village.-2Nos high mast tower
4	Place of Job to be executed	Village-Mata na Madh Ta:- Lakhpat & Ravapar Ta:Nakhtrana –Kutch
5	Estimated Cost	Rs. 4,82,032/- (four lac eighty two thousand thirty two only for 2Nos high mast tower)
6	Earnest Money deposit	Rs. 2,000/- By D.D. of Nationalized / Scheduled Bank Only in favour GMDC Gramya Vikas trust payable at A'bad
7	Security Deposit	5% of contract value shall be deposited including EMD security deposit in form of DD on favour of GMDC Gramya Vikas trust payable at A'bad
8	Retention money	-
9	Tender period & Work Completion Time	1year, call attending –immediate, repairing work at out side
10	Date of Issue of tender & Last Date of Issue of tender	Date of Issue:- 25/01/2019

11	Last Date Of Submission Of tender	20/02/2019
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12	Date and time of opening of tender	25/02/2019
13	Validity Of tender	Minimum 90 days.
14	Term of payment	Payment will be made as per clause No-2 of General terms & condition of contract
15	Delay in work completion	If work is not completed as per work completion time penalty will be levied @ 0.1% per day to the maximum amount of 10% of contract value.
16	Defect liability period	1 year from the date of completion of work
17	Period of honoring of the bills	15 working days after receipt of the bill.
18	Eligibility of tenderer	<ul style="list-style-type: none"> - Bidder must have executed such or similar type of work previously (copies of work orders are to be submitted at the time of issue of tender) - Bidder must have required facility and workshop and tools – tackles and raw materials stock to complete jobs satisfactorily

tender received without E.M.D. will be outright rejected.

Corporation reserves right to reject any or all tender or part thereof or split the work between More than one tenderer without assigning any reason there of.

Note:-

1. Tenderer is required to enclose the D.D. of E.M.D. amount in the sealed cover without fail. If demand draft is not enclosed in the sealed tender bid cover then the tender will not be consider for scrutiny and will be summarily rejected
2. Tenderer has to complete the work strictly according to estimate and specification provided by OEM/GMDC and which together with general conditions, technical specification, bill quantities and contract agreement will be called "Document of Contract".


For GMDC Ltd

General Manager (P)

On Tenderer's Letter Head

From:

Ref:

Date:

To
The General Manager (Project)
Lignite project
Mata na Madh
Ta:- Nakhtrana
Kutch

Sub: Earnest Money Deposit against Tender No:- _____

Dear Sir,

With reference to above and as per terms and conditions of tender we are sending Herewith
D.D. / Pay Order NO _____ Dated _____
Of _____ [Name of Bank and Branch] Payable
at Ahmedabad of Rs.2, 000/- being the amount of E.M.D.

Kindly acknowledge the stamp receipt.

Thanking You

Yours Faithfully

[Name and Signature]
With Seal

On Tenderer's Letter Head
DECLARATION-I

From:

Ref.:-

Date:-

To
General Manager (Project)
Lignite Project
Mata na Madh
Kutch

Sub: Declaration.

Ref: Tender No. GMDC/Mata no Madh/Elect./CSR/03 - 2018-19

Name of work: Supply, transport, installation, commissioning & testing of 12mtrs height "high mast tower" to be installed at, Mata na Madh village. ^{2 Nos x} & Rawapur

Dear Sir,

I / We have carefully gone through and clearly understood the tender notice, tender terms and conditions and tendered to execute and satisfactorily complete the whole work strictly in accordance with the said Tender.

I/We hereby solemnly declare that none of Our Partners Jointly or Severally or Our Firm / Company / Associates company have not been Black Listed by the Central Government or any State Government or It's Undertaking.

I/We hereby further declare that, if The above Declaration is found untrue, G.M.D.C. Ltd., shall be entitled to take any action against us severally and or individually or our firm / Company, In this regard in any matter that May deemed fit BY G.M.D.C.

Thanking You

Yours Faithfully

(Name and Signature)

With Seal

DECLARATION - II

FROM:

Date:-

To
The General Manager (Project)
Lignite project
Mata na Madh
Kutch

Sub:- Tender No- GMDC/Mata no Madh/Elect./CSR/03 - 2018-19

2 NOS X

Name of work:- Supply, transport, installation , commissioning & testing of 12mtrs height high mast tower to be installed at, Mata na Madh village, Kutch & Rawadar, Kutch

Dear Sir,

I/we having carefully gone through and clearly understood the preface, tender notice, details to be furnished along with technical bid , plans, specifications and conditions of contract for the above mentioned work, do hereby ,tender to execute and complete the whole work strictly in accordance with the said plans and specifications and conditions of contract at the rates set out in the priced schedule and quantities attached hereto.

I/we agree to finish the whole work as per instructions within 365 days from the date of issue of Letter of work order or actual commencement of the work which ever is earlier.

I/We have deposited as EMD Rs 2,000 /- by D.D. ^{in favour of GMDC Gramya Vikas Trust} along with the technical bid in your office which amount is not to bear any interest and my/our firm do hereby agree that this sum shall be liable to be forfeited by the corporation at its sole discretion, in the event of your accepting my /our tender and my/our failing to execute the contract when called upon to do so. ^{Payable at A/bd}

It is understood by me /us that the lowest or any tender will not necessarily be accepted and that no reason shall be given for such non acceptance

I/We agree to keep our offer valid for 90 days or for a further period as would be desired by the corporation, from the date of the opening of the quotation. We agree to all the terms and conditions of the tender.

Thanking You

Yours Faithfully

(Name and Signature)
With Seal

NO DEMAND CERTIFICATE

From:

Date:

To,
The General Manager (Project)
Lignite Project
Mata na Madh
Kutch

Sub:- Tender No:- GMDC/Mata no Madh/Elect./CSR/03 - 2018-19

2 NOS x

Subject :- Supply, transport, installation , commissioning & testing of 12mtrs height high mast tower to be installed at, Mata na Madh village, ~~at Mata na Madh~~ & Rawapar, Kutch

Kutch
Dear Sir,

We _____ hereby certify that we have received the payment of all our bills in full and final settlement of our claims in respect of tender No.GMDC/Mata no Madh/Elect./CSR/03 2018-19. For Supply, transport, installation, commissioning & testing of 12mtrs height high mast tower to be installed at, Mata na Madh village.

The payment received by us is in full and final settlement of our all the claims towards the amount with respect to the work under reference.

Hence, we do not have any out standing claim against GMDC for the work under reference. We shall not claim any further amount from GMDC in future, either one way or the other.

This certificate is given without any prejudice and in the presence of two witnesses.

Signature & Address of
Witnesses

Signature & Stamp of the Contractor.

(1) _____

(2) _____

**GENERAL TERMS & CONDITIONS FOR THE JOB TO BE EXECUTED INSTRUCTIONS
TO THE BIDDERS**

- 01] Tenderer is required to quote the rates strictly as per the terms and conditions mentioned in the document. Any conditional quotation will not be entertained and will be rejected.
- 02] The tenderer required to visit the site prior to the submission of bid, to study the actual working condition at the site.
- 03] Successful tenderer is required to insure the whole work and their personnel under Workman Compensation Act against any accident, minor and major injuries arising out of the work situation.
- 04] The successful tenderer shall have to start the work within period of 15 days from the date of receipt of the Letter of Intent. In case of non-compliance with the above condition, the contract may be terminated.
- 05] The rate quoted is inclusive of all labour and material required for the work
- 07] The scope of work under the tender is In the event of missing of above phrase in the description of schedule of quantities will not meant that materials will be supplied by GMDC and tenderer has not to deploy any manpower for completing the work.
- 08] Quantity mentioned in schedule of quantities against each item is only for guidance to quote the rate and no claim will be entertained on either increase or decrease in the quantity.
- 09] No escalation in price / rate will be allowed on any ground.
- 10] In absence of detailed specifications, the work should be carried out based on either relevant IS code and /or fair engineering practice.
- 11] All the rates quoted by the quotationer must be inclusive of all taxes, Octroi, transportation, labour, loading, unloading at site etc..
- 12] The tenderer will have to submit 'NO DEMAND CERTIFICATE' along with the final bill of the work, as per the Performa given earlier.
- 13] Successful tenderer is supposed to enter in to an agreement with the corporation on an appropriate stamp paper(to be provided by contractor) after accepting the letter of intent.
- (14) Payment should be made for GMDC Gramya Vikas Trust, Ahmedabad. Party has to raise invoice in the name of GMDC Gramya Vikas Trust
- 15] The quoted rates should hold good for working as per OEM's instruction/drawings from time to time.

- 16] In overall interest of project and for better co-ordination Engineers in charge may ask the contractor to stop the work for time being for which no compensation will be paid.
- 17] The contractor shall have to full fill and abide by the provision of labour laws, contract Labour Regulations and Abolition Act, 1970 (Central Act 37 of 1970) pertaining to the employment and labour, payment of bonus Act -1965, payment of wages Act -1936, payment of minimum wages act over and above contractor will be abide by all laws pertaining to labour as per rules of Government of Gujarat.
- 18] The contractor will have to get the material approved (brand and shade) from GMDC well in advance before starting the work.
- 19] The contractor shall have to provide workman compensation policy from the Contract period before initiating work.

(1) Earnest Money Deposit. / Security Deposit

(a) The tender must accompany earnest money deposit by demand draft of Nationalized/ Scheduled Bank for the amount as stated above in favour of GMDC Gramya Vikas trust payable at A'bad. Cheque or Bank Gaurantee will not be accepted.

(b) Earnest money deposit paid as above will be refunded to unsuccessful tenderer only after finalizing/the corporation makes selection of tender. Successful tenderer has to pay security deposit @ 5% of contract. SD @5% of the billed amount will be adjusted against security deposit of successful tenderer.

© Earnest Money will be adjusted against security deposit of successful tenderer.

(d) Earnest Money/ Security deposit will not bear any interest

(e) If successful tenderer does not pay security deposit or not commence work as per tender/LOI/work order EMD paid will be liable forfeited by the corporation.

(f) Security deposit paid by the successful tenderer shall be liable to be forfeited by the corporation, If he does not able to carry out the work in accordance with the terms and condition of the tender/LOI/purchase order/work order.

(g) Tender received without E.M.D. Will be outright rejected.

(h) No relaxation on EMD/SD for any small-scale industry shall be considered.

(i) Security deposit will be refunded within 30days after the completion of defect liability period of 12 Months, on demand by Contractor.

(2) Work Completion time Schedule.

Work Completion time is the essence of the contract and if Work Completion time is not made as stipulated, corporation shall be at liberty to procure the material at tenderer's risk and cost and if thereby any extra expenditure is involved, the same shall be debited to tenderer's account, If corporation is unable to procure the material from alternate source in time and if corporation suffers any consequential loss, tenderer will have to bear the same. Corporation in that case will forfeit the security deposit and will also have the right to lodge claim against party for damage incurred.

(3) Validity-

Validity of the tender should be for 90 days from the date of opening the tender and if required by the corporation, the tendered will have to extend the validity for a further period of 30 days.

(4) GST

Contractor will have to quote their rate inclusive of all types of taxes but excluding GST. No separate taxes other than quoted rates will be paid: TDS will be deducted from bill amount as the prevailing Govt. rules & regulations. GST will be reimbursed to party on submission of documentary evidence like CA certificate & challan copy

(5) Late Delivery / Work Completion time Penalty

Work is not completed as per work completion time penalty will be levied @b 0.1% per day subject to maximum of 10% of contract value.

(6) Loss and Damages

Any loss or damages or deterioration of the material in transits shall be at the cost of the suppliers. It shall be at the discretion of the corporation to reject, damaged or spoiled material, if so noticed.

(7) Insurance-

Transits insurance of the consignment/insurance of tenderer's Man powers are to be provided by the Tenderer at his cost.

(8) Approval-

Our decision for acceptance or rejection of the quality of work will be Final and binding on you.

(9) Defect Liability Period-

Work materials (high mast tower & LED fittings) have defect liability period of 12months from

the date of completion work.

- (10)** The corporation also reserves right to amend, alter, increase or decrease the scope of work and payment will be made accordingly.
- (11)** If quotation submitted in contravention of the terms and conditions stated herein will not be considered.
- (12)** In case of any dispute or difference of opinion in the interpretation of any of the terms and conditions of this tender, the decision of the General Manager (P) shall be final and binding to all.
- (13)** The courts at Nakhtrana In Gujarat state only will have jurisdiction to deal with and decide any legal dispute or contravention between the parties hereto.

For GMDC Ltd

General Manager (Project)

Signature of Contractor

PRICE BID

Subject:- GMDC/Mata no Madh/Elect./CSR/04 - 2018-19

2 NOS x

Name of work: - Supply, transport, installation, commissioning & testing of 12mtrs height high mast tower with LED fittings to be installed at, Mata na Madh village. & *Ranapur village.*

We, M/S _____ quoting our rate in Rs as

1. Rates quoted for these tender items are inclusive of all materials and labour and all type of taxes. Materials are confirming to latest IS for respective item and in absent of is materials must be as per latest ISI.
2. Rates quoted are valid for the items to be executed at all levels. Rates quoted are inclusive of required tools, spares, materials etc. complete.

SCHEDULE OF WORK AS PER NEXT PAGE

SCHEDULE OF WORK

SPECIFICATION OF HIGH MAST TOWER (12MTR)

Sr No	Specification
1.	<p>The scope of this specification covers the manufacture, transport, installation, testing and commissioning of the complete lighting system, using raising and lowering type of high mast towers including the civil foundation work. GMDC will only provide the supply point and the feeder cable of the required size, up to the bottom of the high mast. However, all items required for the safe and efficient operation and maintenance of the lighting system, including the high mast, whether explicitly stated below or not, shall be included by the vendor.</p>
2.	<p>Supply of 12mtrs High mast system (Polygonal cross section, 20 sided continuously tapered) with all accessories including but not restricted to the following.</p> <p>Mast shaft in two section, hot dip galvanized and suitable for wind velocity as per IS 875 part3(i.e. 180KM/hr at least</p> <ul style="list-style-type: none">(a) Head frame , steel wire rope of min.6mm dia. Double drum winch(b) Galvanized Lantern carriage arrangement suitable for 8nos 150w LED flood type luminaries & with all accessories.(c) Integral power tool installed inside base compartment for its operation <p>There shall be only one longitudinal weld in mast sections confirming to AWS. D 1.1(equivalent to standard BS5135) The masts are fabricated from special steel plates confirming to EN-10027-1 s 355JO or equivalent, cut to from a polygonal section as stated above</p> <p>The steel shall have following characteristics:</p> <p>Minimum Yield strength: 355 N/Sq.mm fro thickness < 30mm Tensile strength : > 490 N/Sq.m Minimum Elongation for thickness between 3mm and 30mm : 22%</p>
3.	<p>Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and templates</p>
4.	<p>Design, Supply and casting of suitable shallow foundation with M-15 concrete for the High mast considering safe soil bearing capacity at the site.</p>
5.	<p>Supply of 2high mast towerx8nos 150w LED flood type per high mast tower IP65 luminaire OREVA/Crompton Greaves/Bajaj make with all accessories suitable for operation on 230V, 50Hz AC supply with 2years warrantee.</p>
6.	<p>Supply of twin dome aviation obstruction light with 1nos LED lamps with Red cover</p>
7.	<p>Supply of 1nos chemical earthing rod of 9ft long & making of bore of same size of earth electrode &</p>

	earth chamber for high mast tower & 1for for LT panel of same size of earthing pit & earth chamber
8.	Supply of control panel housing suitable control circuit for the operation of the mast, precision timer for automatic ON/OFF controls for the power tool Motor.
9.	Erection/Installation and commissioning of the high mast system comprising of foundation, mast and its accessories, aviation warning lamps with red cover , earthing, luminaries, control panel etc. with the help of suitable equipments.
10.	2sets of wiring diagram, O & M manual to be supplied along with the high mast.
11.	The 150w LED flood type luminaries should be of OREVA/Crompton Greaves/Bajaj make only. The fitting offered should be suitable outdoor application and properly sealed to prevent rain water entry.
12.	General Features:
12.1	Winch: The winch shall be of completely self sustaining type, without the need for brake shoe, spring or clutches. Each driving spindle of the winch shall be positively locked when not in use. Individual drum also should be operated for fine adjustment of lantern carriage. The capacity, operating speed, safe working load, recommended lubrication and serial number of winch shall be clearly marked on each winch. The winch drums shall be grooved to ensure perfect seat for stable and tidy rope lay with no chances of rope slippage. The rope termination in the winch shall be such that distortion or twisting is eliminated and at least 5 to 6 turns of rope remains on the drum even when the lantern carriage is fully lowered and rested on the rest pads. It should be possible to operate the winch manually by a suitable handle by an integral power tool.
12.2	Head Frame: The head frame, which is to be designed as a capping unit of the mast, shall be of welded steel construction, galvanized both internally and externally after assembly. The top pulley shall be of appropriate diameter, large enough to accommodate the stainless steel wire ropes and the multi core electric cable. The pulley block shall be made of non-corrodible material, and shall be of die cast Aluminum Alloy. Pulleys made of synthetic materials such as plastic or PVC is not acceptable. Self – lubricating bearings and stainless steel shaft shall be provided to facilitate smooth and maintenance free operation for a long period. The pulley assembly shall be fully protected by a canopy galvanized internally and externally. Close fittings guides and sleeves shall be provided to ensure that the ropes and cables do not get dislodged from their respective positions in the grooves. The head frame shall be provided with guides and stops with PVC buffer for docking the lantern carriage.
2.3	Stainless Steel Wire Ropes: The suspension system shall essentially be without any intermediate joint and shall consist of only non-corrodible stainless steel of AISI 316 or better grade. The stainless steel wire ropes shall be of suitable size, the central core being of the same material. The overall diameter of the rope shall not be less than 6mm (7/19 construction). The thimbles shall be secured on ropes by compression splices. Two continuous lengths of stainless steel wire ropes shall be used in the system and no intermediate joints are acceptable in view of the required safety. No intermediate joints/terminations, either bolted or else, shall be provided on the wire ropes between winch and lantern carriage.

12.4	<p>Electrical System, Cable and Cable Connections: A suitable terminal box shall be provided as part of the contract at the base compartment of the high mast for terminating the incoming cable. The electrical connections from the bottom to the top shall be made by special trailing cable. Size of the cable shall be minimum 5core 2.5sq.mm copper. At the top three shall be weather proof junction box to terminate the trailing cable. Connections from the top junction box to the individual luminaries shall be made by using 3core 1.5sq.mm copper flexible PVC cables of reputed make. The system shall have in – build facilities for testing the luminaries while in lower position. Also suitable provision shall be made at the base compartment of the mast to facilitate the operation of internally ousted. Electrically operated power tool for raising and lowering of the lantern carriage assembly. The trailing cables pf the lantern carriage rings shall be terminated by means of metal clad, multipoint plug and socket provided in the base compartment to enable easy disconnection when required.</p>
12.5	<p>Power Tool for the Winch: A suitable, high powered, electrically driven, internally mounted power tool, with manual over ride shall be supplied for the raising and lowering of the lantern carriage for maintenance purposes. The speed of the power tool shall be to suit the system. The power tool shall be supplied complete with suitable control. The capacity and speed of the electric motor used in the power tool shall be suitable for the lifting of the design load installed on the lantern carriage. The power tool mounting shall be so designed that it will be not only self supporting but also aligns the power tool perfectly with respect to the winch spindle during the operations. Also, a handle for the manual operation of the winches in case of problems with the electricity operated tool shall be provided</p>
12.7	<p>Making of trench of 2ft(depth) x 150m(long) for Laying of 4x4sq.mm copper stranded armoured cable & back filling after laying of cable.</p>
12.8	<p>Supplying/laying/termination at both end of 4x4sq.mm x150mtrs long hard copper stranded armoured cable any IS make to be laid in trench</p>
12.9	<p>Party has to made permanent radium LOGO of GMDC & write SAUJANYA by GMDC & same is stick to high mast tower –size will be given by us.</p>

For GMDC Ltd



General Manager (Project)
Mata na Madh

Sign & Stamp of Contractor