

WEBEL MEDIATRONICS LIMITED
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NOTICE INVITING TENDER

Ref : WML/NHAI/02/2012

Date: 24.01.2012

Sealed Tender is being invited from the interested parties for the following items attached in Annexure – I & Annexure – II.

1.0 Last date of submission

Sealed offers are to be dropped to tender box located in the 3rd Floor reception of Webel Mediatronics Limited , P-1, Taratala Road, Kolkata – 700 088, latest by 5th of February 2012 at 3.00 p.m.

2.0 Date of Opening

The tender will be opened on 6th of February 2012 at 3.00 P.M.

3.0 Location of site

Lumding PIU in the State of Assam

4.0 Job completion within 60 days from the date of valid job order.

5.0 Payment Terms: 30 days Credit preferred from the date of completion of Job.

6.0 General terms and conditions

6.1 Job should be completed based on the relevant specification of ASEB/LAEDCL

6.2 Quantity may vary.

6.3 The bidder should be ASEB / LAEDCL approved vendors

- 6.4 The successful bidder shall further stand guarantee for the rated performance of the Job for a period of 24 months from the date of completion.
- 6.5 The bidder shall quote his offer with all taxes, duties, charges FOR site basis, all inclusive and shall be FIRM.

(Joy Sen)

Asst. Manager (Material)

Ph - 9830385701

Drawal of 33KV – 11KV – LT OH Line with Distribution Transformer against relocation of APDCL owned OH Electrical utility against NHAI's four lanning programme at the various segments of NH – 54E under Lumding PIU of National Highways Authority of India in the state of Assam under NC Hill Area.

Technical Eligibility Criteria:

Applications are invited from the bonafied, reliable and resourceful Electrical Contractors for carrying out various works pertaining to erection, installation, construction & commissioning of overhead and underground lines upto 33KV line & Sub-station against relocation of overhead electrical utility owned by the electricity authority under four lanning programme of National Highways Authority of India

1] Valid electrical contractor's license.

2] Copy of appointment letter of the supervisor and joining report addressed to the License Board of State Govt. The electrical contractor / supervisor should have Certificate of competency having minimum requisite parts for the execution of above job.

3] Valid Trade License.

- 4] Current receipt of Professional Tax.
- 5] Service Tax Registration certificate.
- 6] PAN Card.
- 7] PF Code No. along with copy of PF Registration Certificate.
- 8] ESI registration along with copy of recent months submitted Bank Challan.

Fulfillment of the above conditions is mandatory in respect of pre-qualification for above tender.

Applicants will have to follow all other existing Govt. Acts, Rules & Regulations and as may be framed in future.

Application completed in all respect printed in letter-head of his concern with full communication address and Telephone No. etc. must be submitted at this office within Inability to fulfill any of the conditions stated above will lead to cancellation of the application without any further communication. The authority reserves the right to reject any offer and to cancel the tender process at its sole discretion without assigning any reason whatsoever.

BRIEF SCOPE:

- The scope of the tender is to assess and conduct survey for an estimate of the scope of work and cost for dismantling of the overhead activity.
- Installation of material at located segment of NH along with drawal of materials from our designated store at Lumding.
- Monitoring, Co-ordination with NHAI authority for proper co-ordination of utility shifting work in line with the NHAI's requirement.
- Liasioning with Assam Power Distribution Company Ltd.'s (APDCL) respective division for appraisal of the job under scope of tenderer's execution in line with NHAI's requirement.

- Co-ordination with the respective office designated by the respective office of APDCL in regards to the inspection / testing / acceptance of installation for the proposed job to be procured by the tenderer.
- Co-ordination with NHA's local office / agency in regards to their requirement for shifting of utility from their impact zone.
- Co-ordination with APDCL's respective office for survey of proposed line, drawal of proposed new line, handing over – taking over of new line.
- Co-ordination in regards to the availability of shutdown, inspection and dismantling of existing lines, which required to be shifted for road widening programme.
- Co-ordination with APDCL's designated store in regards to the return of dismantling material from the existing line required to be shifted and obtaining of SRN against delivery of material.
- Detail installation / dismantling schedule is enclosed in the Annexure of this letter.

Extra work if any shall be done at mutually agreed rate on the basis of this offer.

Annexure I

Erection Schedule of Lumding

| Sl. No. | Description of Work | Unit | Quantity |
|---------|--|------|----------|
| 1 | Supply and erection of Single length Steel tubular pole size given below complete with aligning and keeping in vertical position including Pill digging in all type soil and rock etc. of size 75 cm. x 75 cm. x 1/5th of pole length and providing base padding 150 mm. thick & filling the pit with 1:3:6 cement concrete & muffing the pole upto 400 mm. of block dia 400 mm. above ground level with painting of pole with 2 coats of bitumin paint of portion burried under the ground & 2 coats of red oxide & 2 coats of aluminium paint of portion above ground level including all surveying, | | |

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| | labour, material transportaion, incidentals etc. complete in all respect as per specification and direction of Engineer in charge | | |
| | a] 14.5 Mtr. length [SP-76] | Nos. | 30 |
| | b] 12 Mtr. length [SP-66] | Nos. | 250 |
| | c] 8.5 Mtr. length [Sp-17] | Nos. | 70 |
| 2 | Supply & fixing of V cross arms of MS channel with back clamps on poles complete including all necessary nut & bolts with washers, brackets, hardware including all labour, materials, accessories, painting, drawing and direction of Engineer in charge | | |
| | a] 33KV MS Channel: 100 x 50 x 6 mm. | Nos. | 150 |
| | b] 11KV MS Channel: 75 x 40 x 6 mm. | Nos. | 50 |
| 3 | Supply & fixing of Top cross arms including all necessary nut & bolts with washers, brackets including painting, incidentals etc. all complete as per specification, drawing and direction of Engineer in charge | | |
| | a] 33KV - 100 x 50 x 6 x 300 mm. | Nos. | 150 |
| | b] 11KV - 75 x 40 x 6 x 300 mm. | Nos. | 50 |
| | c] LT - 40 x 40 x 6 x 150 mm. | Nos. | 70 |
| 4 | Supply, fittings and fixing of MS Channel / Angle cross arm in SP/DP/TP/FP structures with clamps, nuts & bolts etc. including of hole where necessary as per the direction of Engineer in charge | | |
| | a] 33KV - 100 x 50 x 6 x 3200 mm. | Nos. | 418 |
| | b] 11KV - 75 x 40 x 6 x 2200 mm. | Nos. | 42 |
| 5 | Fitting & fixing of cross bracing with 65 x 65 x 6 mm. MS Angle Iron in DP/TP/FP structure of HT line including supply of MS Angle, nuts & bolts, clamps etc. making holes as per direction of Engineer in charge | Running meter of MS Angle | 55 |
| 6 | Supply, fittings & fixing of stay set complete including digging of earth pit of area (0.6 m. x 0.4m.) & depth of 1.4 m. placing the stay rod with plate fiding GI stay wire 7/10 SWG for HT & 7/14 SWG for LT & guy insulator on pole clamp, fiding thimble bow etc. with backfilling by boulder packing as directed by Engineer in charge | | |

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| | a] HT (33KV) | Set | 96 |
| | b] HT (11KV) | Set | 74 |
| | c] LT Stay set | Set | 35 |
| 7 | Supply, fittings & fixing of insulators including drilling of holes on cross arm where necessary : | | |
| | a] 33KV Pin Insulator with pin | Nos. | 488 |
| | b] 33KV Disc insulator with Hardware Fittings (for 3 Disc) | Set | 720 |
| | c] 11KV Pin Insulator with pin | Nos. | 168 |
| | d] 11KV Disc insulator with Hardware fittings | Set | 96 |
| | e] LT pin insulator with pin | Nos. | |
| | f] LT shackle insulator with Hardware fittings | Set | 44 |
| 8 | Supply and stringing of conductors with laying of conductor on ground, lifting on pole, tensioning, binding on insulator, jampering on DP/TP/FP structures including supply and fitting of PG clamp (for HT line)with standard sagging in each and every span as per direction of Engineer in charge | | |
| | a] 11KV line (per Km. circuit of 3 wire)AAA Weasel conductor | Km. | 1.440 |
| | b] 33KV line (per Km. circuit of 3 wire)AAA Raccoon conductor | Km. | 3.750 |
| | c] LT line (3 phase 4 wire) with AAA squirrel conductor per circuit Km. | Ckt. Km. | 1.800 |
| | d] LT line (1 phase 2 wire) with AAA squirrel conductor per circuit Km. | Ckt. Km. | 1.800 |
| 9 | Supply fitting and fixing of guard wire including cross arm, bracing (where applicable) Bracket, Clamp, nuts & Bolts & 8 SWG GI wire as per direction of Engineer in charge | | |
| | a] 33KV line (Bracket MS Angle: 50 x 50 x 6 x 3500 mm.) | Mtr. | 6 |
| | b] 11KV line (Bracket MS Angle: 50 x 50 x 6 x 2500 mm.) | Mtr. | 14 |
| | c] LT Line (Bracket MS Angle: 40 x 40 x 6 x 800 mm.) | Mtr. | 0 |
| 10 | Supply fitting and fixing of GI Barbed wire as anti climbing device (Approx. 2 Kg. per pole)as per direction of Engineer in charge | Each | 280 |
| 11 | Supply fitting and fixing of danger plate as per direction of Engineer in charge | | |
| | a] 33KV | Nos. | |
| | b] 11KV | Nos. | |
| | c] LT Line | Nos. | |

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| 12 | Earthing by digging as required by buying the CI pipe and surrounding by finely broken coke / charcoal / salt etc. and protecting it with different pole structures in all the line and sub-stations by 6 SWG GI wire including supply of material as per direction of Engineer in charge | Nos. | 71 |
| 13 | Clearance of jungle and cutting of tree branches, creeping etc. 3 Mtr. on either sides of alignment parallay as per the direction of Engineer in charge | Km. | 8.000 |
| 14 | Supply and erection of Dist. Transformers on Dp stretches including all connection of HV, LV with the lines (complete as directed) and supply of clamps, nut & bolts and including transportation of transformer as per direction of Engineer in charge | | |
| | a] 100KVA | Nos. | 2 |
| | b] 63KVA | Nos. | 1 |
| | c] 25KVA | Nos. | 1 |
| 15 | Supply fitting and fixing of DO (set of three units) on channel cross arm, nuts & bolts clamps including connection with lines and sub-stations including drilling of holes as per the direction of Engineer in charge | | |
| | a] 33KV | Set | |
| | b] 11KV | Set | 4 |
| 16 | Supply fitting & fixing of LA (sets of 3 wire for transformer protection) on MS channel cross arm including drilling of hole etc. as per direction of Engineer in charge | | |
| | a] 33KV | Set | 0 |
| | b] 11KV | Set | 4 |
| 17 | Supply fitting & fixing of GOAB switch set on channel cross arm, nuts & bolts, clamps including connection with lines and sub-stations including drilling of holes as per the direction of Engineer in charge | | |
| | a] 33KV | Set | |
| | b] 11KV | Set | 4 |
| 18 | Supply, fitting and fixing of 3 phase rewireable type LT main switch & necessary connection with cables as per direction of Engineer in charge: | | |
| | a] 200A | Nos. | 2 |
| | b] 100A | Nos. | 1 |
| | c] 63A | Nos. | 1 |
| 19 | Supply, fitting and fixing of meter cabinet as per specification including supply of required materials | Nos. | 4 |

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|----|---|------|----|
| 20 | Supply and fitting of CT operated LT static trivector meter 5 Amp. Including supply of LT, CT (set of 3 nos.) alongwith all other materials as per direction of Engineer in charge: | | |
| | a] With CTR 200/5A | Nos. | 0 |
| | b] With CTR 100/5A | Nos. | 4 |
| 21 | Supply of 3 1/2 core XLPE LT cable & connecting with LV side of DTR at one end & LT line on the other through Main switch & machinery cabinet with lugging at cable end including supply of all required materials as per direction of Engineer in charge | | |
| | a] 120 sq. mm. | Mtr. | 20 |
| | b] 95 sq. mm. | Mtr. | 10 |
| | c] 50 sq. mm. | Mtr. | 10 |
| | | | |

Annexure II

Dismantling Schedule of Lumping

| Sl. No. | Description of Work | Unit | BOQ.Qty. |
|---------|--|------|----------|
| 1 | Release of LA by untying connection and safe carriage to ASEB/CAEDCL's godown at Halflong Division as per direction of Engineer in charge | | |
| | a] 33KV | Set | 0 |
| | b] 11KV | Set | 1 |
| 2 | Release of DO fuse by untying connection and safe carriage to ASEB / CAEDCL's godown at Halflong Division as per direction of Engineer in charge | | |
| | a] 33KV | Set | 0 |
| | b] 11KV | Set | 1 |
| 3 | Release of transformer by untying connection of both HV & LV sides safe unloading on ground and safe carriage of all materials including cable to ASEB / CAEDCL's godown at Halflong Division as per direction of the Engineer in charge | | |
| | a] 100KVA | Nos. | 0 |

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| | b] 63KVA | Nos. | 1 |
| | c] 25KVA | Nos. | 1 |
| | d] 16KVA | Nos. | 0 |
| 4 | Uprooting of GI Earth pipe after untying connection and carriage with GI Wire etc. to ASEB / CAEDCL's godown at Halflong Division as per direction of Engineer in charge | Nos. | 6 |
| 5 | release of conductor from insulator, making roll on ground and safe carriage to ASEB / CAEDCL's godown at Halflong Division as per direction of Engineer in charge | | |
| | a] 33KV - AAAC Raccoon | Ckt. Km. | 0.000 |
| | b] 33KV - ACSR Raccoon | Ckt. Km. | 1.200 |
| | c] 11KV - ACSR Squirrel | Ckt. Km. | 0.000 |
| | d] 11KV - ACSR Weasel | Ckt. Km. | 0.750 |
| | e] LT - ACSR Squirrel | Ckt. Km. | 1.125 |
| | f] LT - ACSR Weasel | Ckt. Km. | 0.000 |
| 6 | Release of Guard line from structure making roll on the ground and carriage to ASEB / CAEDCL's godown at Halflong Division as per the direction of Engineer in charge | | |
| | a] HT line | Mtr. | 240 |
| | b] LT line | Mtr. | 0 |
| 7 | Removing insulators from structure and carriage of same to ASEB / CAEDCL's godown at Halflong Division as per direction of the Engineer in charge | | |
| | a] Disc insulator with attachment | Nos. | 52 |
| | b] HT Pin insulator with pin | Nos. | 148 |
| | c] LT pin insulator with pin | Nos. | 22 |
| | d] Shackle insulator with straps | Nos. | 0 |
| 8 | Dismantling of cross arm from structure including clamps etc. and carriage to ASEB / CAEDCL's godown at Halflong Division as per direction of Engineer in charge | | |
| | a] MS Channel Cross Arm 3.2 Mtr. length | Nos. | 18 |
| | b] MS Channel Cross Arm 2.2 Mtr. length | Nos. | 12 |

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|----|--|------|-----|
| | c] 11KV T/Y Cross Arm | Nos. | 8 |
| | d] LT Angle Cross Arm | Nos. | 14 |
| | e] HT Guard Bracket | Nos. | 0 |
| | f] LT Guard Bracket | Nos. | 0 |
| 9 | Uprooting of Stay Set and carriage to ASEB / CAEDCL's godown at Halflong Division as per direction of Engineer in charge | | |
| | a] HT line | Set | 22 |
| | b] LT line | Set | 8 |
| 10 | Uprooting of pole, stacking of same at site and carriage to ASEB / CAEDCL's godown at Halflong Division as per direction of the Engineer in charge | | |
| | a] RS Joist | Nos. | 6 |
| | b] Wood Pole | Nos. | 0 |
| | c] 9.75 Mtr. PSC | Nos. | 0 |
| | d] 8.5 Mtr. PSC | Nos. | 0 |
| | e] 7.5 Mtr. PSC | Nos. | 0 |
| | f] 9.75 Mtr. Rail Pole | Nos. | 120 |
| | g] 8.5 Mtr. Rail Pole | Nos. | 0 |

(Joy Sen)

Asst. Manager (Material)

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