TENDER NOTICE

Tender Notice No: RRMD/TN-19/2020                  Date:  25/08/2020

Sub: Fabrication, Supply, Installation, Testing & Commissioning of self serve facility control panel, SFSB & EDP control panels including CCTV for SFSB Buggy in Dhruva.

Sealed tenders are invited for and on behalf of the President of India by Head, RRMD, Reactor Group, BARC, Trombay, Mumbai-400085 from experienced vendors for Fabrication, Supply, Installation, Testing & Commissioning of self serve facility control panel, SFSB & EDP control panels including CCTV for SFSB Buggy in Dhruva as per tender specifications.

1.0 Description of the work: Scope of work include flowing:

1.1 Self serve facility control panel:

i) Fabrication & supply of electrical panel with suitable, mimic, internal layout to install in existing space as per technical specification.

ii) Supply & installation of automation hardware with complete internal wiring.

iii) Rewinding of self serve position solenoids as per existing winding.

iv) External testing of the panel.

v) Field wiring using existing cables.

vi) Functional checking of self serves facility.

1.2 SFSB buggy Control Panel:

i) Fabrication & supply of electrical panel with suitable internal layout & wiring as per existing one as per technical specification.

ii) External testing of the panel.

iii) Installation of panels in reactor hall & SFSB.

iv) Supply & installation of reverse/ forward starter panel in SFSB.

v) Field wiring using existing cables.

vi) Functional checking.

vii) Supply, installation, testing & commissioning of NVR & Camreas.

1.3 Emergency Diesel Pump control panel:

i) Fabrication & supply of IP 66 electrical panel with suitable internal layout & wiring as per existing one.

ii) Installation of panel on EDP structure.

iii) Functional Checking of panel.
1.4 EDP battery Box:

i) Fabrication & supply of IP 52 battery box of suitable dimensions for EDP battery.
ii) Fixing of battery box on EDP frame with cable entry.

2.0 Terms and conditions:

2.1 The offer should be valid for consideration for 60 days from due date of the offer.
2.2 Contractor should complete the whole job within 6 months after receipt of work order.
2.3 On complete execution of the work to our satisfaction, payment would be released on submission of bills in triplicate along with an advance stamped receipt.
2.4 **The vendor should also clearly reply in his tender to “whether the contractor / vendor has any relative working in BARC or the contractor himself is an ex-employee of BARC or the contractor has any ex-employee of DAE on his payroll”**.
2.5 In BARC, it is mandatory for the employees deputed at site by the contractor to have a **valid police verification certificate/ vigil pass**.
2.6 Contractor should mention their valid **GST No.** in the quotation, failing which the offer shall be rejected.

3.0 Instructions to tenderers:

3.1 **Industrial Safety:** Industrial Safety Undertaking will have to be signed after discussion between Contractor/Supervisor of concerned works contract & Safety Officer/Coordinator of Reactor Group. The contractor or executing agency shall adopt adequate safety measures as per the Job Hazard Analysis (JHA) control measures suggested. The personal protective equipment to contract workers, supervisors & engineers shall be supplied by the contractor at his own cost.
3.2 **General Requirement:** All workers, supervisors & engineers of the contractor shall wear necessary protective clothing, safety belts with harness, helmets & canvas/safety shoes properly laced & follow the safety requirements strictly, while working at site.
3.3 **For working at Heights:** All the persons should be physically, mentally fit & to work in heights, medical fitness certificate should be furnished for all workers. The responsibility of all safety precautions related with a particular job at site primarily lies with the Contractor. The contractor & his persons shall strictly observe all security and safety regulations prevailing at the site. The contractor & his team working at the site shall follow the safety measures as mentioned in "Safety with scaffolding" of GCC & other safety measures at site as per "Construction Safety Manual" available at www.tenderwizard.com/DAE or www.barc.gov.in. All the workers, supervisors & engineers of the contractor shall have proper medical certificates issued by the competent authorities.
3.4 Safe industrial practices for entering & working in confined spaces are to be followed by Contractor & his team, wherever applicable.
3.5 Safe industrial practices are to be followed for use of portable ladders & step ladders by Contractor & his team, wherever applicable.
3.6 All workers should be insured at the cost of the contractor for risk of working at BARC & no claim will be payable by BARC.
3.7 All covid-19 precautions are to be strictly followed.
Tenderers should submit documents in support of their technical capabilities. Pre-dispatch inspection will be carried out by departmental representative. Material supplied should be approved by EIC before delivery. All the material should be of reputed make approved by BARC as per specifications.

Price quoted shall be filled up in the same format given in the Schedule-B with GST and no other charges will be payable.

Tender shall be submitted in the sealed cover in the vendor’s standard company format quoting our Tender no. on the envelope and addressed to ‘Head, RRMD, BARC, Trombay, Mumbai-400085 and submitted in the RG Office, Dhruva’. The offers should be submitted so as to reach RG Office, Dhruva on or before 08-09-2020 up to 1500 Hrs. Tender is to be sent only through registered post or speed post to, AO, RG Office, Dhruva Reactor, BARC, Mumbai 400085, however due to covid-19 lockdown hand delivery of tenders at north gate, BARC can be accepted.

Tenders shall be opened on the same day at 1530 Hrs. in presence of AAO, works, CC, Trombay, BARC. Vendors are requested to visit the site for technical discussion and to know the exact scope of work. Vendors may contact Shri Rajkumar / Shri. M K Saraswat on phone no. 25594310 / 25596225 from 10 AM to 5 PM on all working days. Tender notice along with technical specification will be issued to eligible parties up to 03-09-2020; parties need to submit documents in support of their technical capabilities. Duly stamped tender notice along with technical specification will only be considered.

The acceptance of the tenders will rest with Head, RRMD, Reactor Group who does not bind himself to accept the lowest offer, and reserves to him the authority to reject any or all the tenders received without assigning any reason.

Quotation received after the due date and time shall be summarily rejected.

Thanking you,

Yours faithfully,

Sd/-

Head, RRMD

(For and on behalf of the President of India)

Enclosures: Schedule –A & B
Schedule –A

Tender Notice No: RRMD/TN-19/2020 dated 25/08/2020

Name of Work: Fabrication, Supply, Installation, Testing & Commissioning of self serve facility control panel, SFSB & EDP control panels including CCTV for SFSB Buggy in Dhruva.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate</th>
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<tbody>
<tr>
<td>1.</td>
<td>Water</td>
<td>As required</td>
<td>Litre</td>
<td>Free</td>
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<td>2.</td>
<td>Electricity</td>
<td>As required</td>
<td>KWH</td>
<td>Free</td>
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(Rajkumar)
SO/F
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<table>
<thead>
<tr>
<th>S. No.</th>
<th>Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Supply Rate (Rs)</th>
<th>Instl. Rate (Rs)</th>
<th>Total Rate (Rs)</th>
<th>Total Cost (Rs)</th>
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<tbody>
<tr>
<td>1</td>
<td>Fabrication, Supply, Installation &amp; Testing of self serve facility panel in reactor hall Dhruva as per specifications.</td>
<td>No.</td>
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<td>2</td>
<td>Fabrication, Supply, Installation &amp; Testing of SFSB buggy panel in reactor hall &amp; SFSB Dhruva as per specifications.</td>
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<td>3</td>
<td>Fabrication, supply &amp; installation of IP 66 electrical panel with suitable internal layout &amp; wiring for EDP as per existing one.</td>
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<td>4</td>
<td>Fabrication, supply &amp; installation of IP 52 battery box with suitable internal layout &amp; wiring for EDP as per existing one.</td>
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<td>5</td>
<td>Supply &amp; Installation of Honeywell Video HEN04112 4-Channel PoE Embedded NVR, H.264, 1TB or Equivalent along with mounting bracket.</td>
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<td>6</td>
<td>Supply of Honeywell Video HEN04112 4-Channel PoE Embedded NVR, H.264, 1TB or Equivalent (Spare).</td>
<td>No.</td>
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<td>7</td>
<td>Supply &amp; Installation of Honeywell make True Day/Night Bullet IP Camera: Model HBD3PR2 or Equivalent.</td>
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<td>8</td>
<td>Supply of Honeywell makes True Day/Night Bullet IP Camera: Model HBD3PR2 or Equivalent (Spare).</td>
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<td>Supply &amp; Installation of 22” Monitors having VGA connection LG VGA and HDMI.</td>
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<td>Supply of 22” Monitors having VGA connection LG VGA and HDMI (Spare).</td>
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<td>Unit</td>
<td>Quantity</td>
<td>Price</td>
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<td>Nikon COOLPIX P 900, 16 MP camera with accessories.</td>
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<td>13</td>
<td>Stainless Steel canopy for Top fall protection.</td>
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<td>Cat-6 cable for connecting Cameras to NVR.</td>
<td>Mtr</td>
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Total Cost

GST @

Total including GST

Rupees

Contractor
Signature/Seal