

**Tender Notice: JSAC/Tender/06/2015 Dated 15.05.2015**

Jharkhand Space Applications Center, Department of Information Technology, Govt. of Jharkhand invites online sealed Tender (Technical and Commercial) from manufacturer or their authorized dealer for this region to supply and installation of **Electronic Total Station** at Jharkhand Space Applications Center, Engineers Hostel -1 Dhurwa, Ranchi.

Tender Reference		
1.	Date of commencement of tender document	15/05/2015
2.	The last date of submission of bids	05/06/2015 up to 3.00 p.m at JSAC, Ranchi
3.	Date and Time of Opening of Technical Bid	09/06/2015 at 11.00 a.m
4.	Date and Time of Opening of Price Bid (Commercial Offer)	To be announced after opening of Technical bid.
5.	Place of opening tender offers	Jharkhand Space Applications Center, 2nd Floor, Engineers Hostel – 1 Dhurwa, Ranchi-834004

**A. Conditions of Tenders for Technical Bid**

1. A complete set of Tender document to be downloaded from <http://jsac.jharkhand.gov.in> or <https://www.jsac.procuretiger.com> and the fee of Rs 7500/- should be paid online.
2. Tenders are required to pay online corresponding EMD as per items mentioned in table below along with their offer. Unsuccessful Bidder's EMD will be discharged/ returned within 10 days after the finalization of tender
3. Tender Specific Authorization from the Principal Company (OEM) in the name of the Director, Jharkhand Space Application Center is must for all participating vendors mentioning details like tender number, date and products for which the authorization is provided.
4. The tenderer should indicate specifically the **Make & Model** of ETS.
5. The Tenderers are required to furnish latest Valid VAT registration certificate from the sales tax authority of the State of Jharkhand or any other State as applicable.
6. The Tenderers should have Service Tax registration. The latest service tax return certificate valid as on date of tender should be submitted.
7. The tenderers are required to furnish PAN Number.

8. A self certificate by company to be submitted that company has not been blacklisted in any state of India.
9. The rate quoted for the item must be inclusive of all applicable taxes and F.O.R.
10. Director JSAC reserves the right to accept or reject any tender offer without assigning any reason.
11. The offers shall be in two separate parts containing Technical and Commercial Offers. The technical and financial documents should be uploaded in prescribed folders.
12. Technically qualified vendor has to demonstrate their equipment, if they failed, they will be disqualified.

#### **Schedule of Payment**

1. After satisfactory completion of the work Supply, installation and training the agency will have to submit the challan/bill in triplicate with copy of Supply Order to this office and payment will be made by Jharkhand Space Application Center after passing of bill from this end.
2. 100% payment will be made after successful supply, Installation and training.

#### **The number of items to be procured:**

<b>Sl.no</b>	<b>Items</b>	<b>EMD</b>
1.	Electronic Total Station(ETS)	Rs 50,000

### **1. Specification of Electronic Total Station**

<b>TECHNICAL SPECIFICATIONS AUTO-POINTING REFLECTORLESS ELECTRONIC TOTAL STATION WITH DATA PROCESSING SOFTWARE</b>		
<b>SL. No</b>	<b>Specification</b>	
<b>1.</b>	<b>Angular accuracy</b>	: 2" or better.
<b>2.</b>	<b>Least count</b>	: 0.5" or better.
<b>3.</b>	<b>Auto-Pointing range with single prism</b>	: 1 Km. or better.
<b>4.</b>	<b>Distance range in reflectorless mode</b>	: 1 Km. or better.
<b>5</b>	<b>Distance Range with single prism. Under average conditions.</b>	: 2.5 Km. or better
<b>6.</b>	<b>Laser output in prism mode</b>	: Class1.

7.	<b>Laser output in reflectorless mode</b>	: Class1/2/3/3R.
8.	<b>Distance Accuracy with prism</b>	: 1.5mm ± 2ppm or better.
9.	<b>Motor Drive System</b>	: DC Servo Motor.
10	<b>Rotation Speed</b>	: 70 °. / sec
11	<b>Operating System</b>	: Microsoft Windows CE 6.0
12	<b>Data Storage</b>	: Internal memory 500MB or more.
13	<b>Plug in memory device</b>	: USB pen drive 4 GB or more.
14	<b>Interface</b>	: Serial RS-232C, USB.
15	<b>Display/Keyboard</b>	: 3.5 inch. Semi-transmissive TFT QVGA or better Dual face Colour display / Illuminated keyboard / LCD touch screen / Graphical display of measured field point.
16	<b>Laser Pointer</b>	: Yes.
17	<b>Guide Light</b>	: For quick Setting Out.
18	<b>Optical Plummet</b>	: 3x or better.
19	<b>Dust &amp; Water proof</b>	: IP55 or better
20	<b>Operation temperature</b>	: -20 to +50°C
21	<b>Weight</b>	: Approx 5.5 kg or less excluding batteries.
22	<b>Rechargeable battery (Operational time for each approx. 5 hrs.)</b>	: <b>2nos.</b>
23	<b>Quick charger.</b>	: <b>1no.</b>
24	<b>Programs &amp; Features</b>	: Mesh Scanning, Monitoring, Set Collection, Line work, Layer work, Area Calculation, Volume Calculation, Contour Generation, Traverse Adjustment with generation of report, Set-Out line, Set-Out Curve, MLM, REM, etc. Export file as *.dwg, *.dxf, *.shp, *.dgn, *.csv, *.txt, etc.
25	<b>Accessories</b>	: Wooden Telescopic Tripod - : <b>1no.</b> Single Prism assembly consisting of Range Pole, Prism, Target plate, Spirit Bubble, Tripod all in carrying cases - : <b>2nos.</b> Tubular Compass, Plumbob, Sunshade, Lens cap, Tool kit, Shoulder strap, carrying case and all relevant manuals – <b>1No.</b>

**B. Price Bid**

**Name of Work:** *Tender Notice Inviting quotation for*  
*1. Supply and Installation of Electronic Total Station (ETS)*

**Tender No. JSAC/Tender/06/2015**

<b>Combined Price is to be quoted</b>				
SL No.	Description of Item	Quantity	Rate	
			In figure	In Words
1.	Electronic Total Station (ETS)	One Set		
Total				

1. Rate should be inclusive of all applicable taxes, F.O.R and any other expense.
2. Price bid should be valid for 3 months.

Name and Signature of Authorized Person: .....

Name of Company.....

Address: .....

.....

.....

Date: .....

**All fields Mandatory**

**C. Technical Requirement Checklists**

<b>Sl. No</b>	<b>Items</b>	<b>Remarks(*)</b>
1.	Tender Document Fee	
2.	EMD	
3.	Tender Specific Authorization from the Principal Company (OEM).	
4.	Latest VAT registration certificate.	
5.	Valid Service Tax Registration certificate.	
6.	PAN Number.	
7.	A self certificate by company to be submitted that company has not been blacklisted in any state of India.	
8.	Make & Model of Electronic Total Station (ETS)	
9.	Technical Specification of Electronic Total Station (ETS) [ As per Above List]	