



E-TENDER No. 013/17-18

FOR SUPPLY

INSTALLATION AND TRAINING OF

ROBOTIC TOTAL STATION UNDER BUY BACK OF

OLD TOTAL STATION

AT OUR LIGNITE PROJECT, RAJPARDI.

TAL. JHAGADIA,

DIST. BHARUCH.

**PURCHASE DEPARTMENT
GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
(A Govt. of Gujarat Enterprise)**

"Khanij Bhavan", 132 Ft. Ring Road, Nr. University Ground, Vastrapur, Ahmedabad-380052.

Phone: 079-27910933(D)/27913200/3501/0665/1662 **Fax:** 079-27913891/1454

E-mail: purchase@gmdcltd.com **Website:** <http://www.gmdcltd.com>

e-Tender No. 013/17-18.

Item Description	Supply, Installation and Training of Robotic Total Station as per detail specification given in FORM-D
Quantity	Mentioned in Form D
Delivery place	Vill:RAJPARDI,TAL- JHAGADIA,DIST. BHARUCH rajparadi@gmdcltd.com
Tender Fee (Non-refundable)	Rs. 1000 (One thousand) payable by Demand Draft favouring "GMDC Ltd." payable at Ahmedabad.
EMD	Rs. 50000/- (Fifty thousand only) in form of DD in favour of GMDC Ltd. payable at Ahmedabad from any Govt. Of Gujarat approved bank.
Late Delivery Penalty	0.5% per week subject to maximum 10%
Delivery Period	45 days
Availability of Tender document	On web sites www.gmdcltd.com , www.statetenders.com and https://nprocure.com
Last Date and Time of down loading of tender and online submission of Bid	25/01/2018 UPTO 12.00 Hours.
Last Date & Time of physical submission of Tender Fee, EMD & supporting documents at GMDC office.Ahmedabad	25/01/2018 up to 15.00 Hrs.
Date & Time of opening of technical bid.	25/01/2018 AT 16.00 Hours. Hours at our Corporate Office Ahmadabad.
The GMDC reserves its right to reject any or all tenders or split the job between more than one bidder without assigning any reason thereof.	

Instruction to Bidders for Online Tendering

1. Tender documents are available only in electronic format which Bidders can download from the website www.gmdcltd.com and <https://nprocure.com>
2. **All bids should be submitted online through the website <https://nprocure.com> only. No physical submission of price bid will be entertained as it should be furnished on-line only. Also no fax, e-mail, letters will be entertained for the same.**
3. Following should be submitted 'off-line' in sealed covers separately at our Corporate Office, Ahmedabad.
[1] Tender Fee, [2] E.M.D. [3] Supporting Documents for Technical Bid.
4. Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) (for signing and encryption) as per Information Technology Act, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n)code solutions-a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below at clause 5.
5. All bids should be digitally signed. For details, regarding digital signature certificate and related training involved at the below mentioned address should be contacted:

(n)Procure Cell
(n)Code solutions A division of GNFC
403, GNFC Info-Tower, Bodakdev,
Ahmedabad- 380 054 (India)
Tel: +91 26857316/17/18 Fax: +91 79 26857321
Toll Free: 1800-233-1010, E-mail: nprocure@gnvfc.net
6. Kindly take note that, valid Digital Signature Certificates is must for all the interested bidders. Online tendering process is not possible without valid digital signature certificate.
7. Interested bidders are also requested to complete their procedure for taking digital signature certificate in respect to filling of application form, supporting documents with necessary fees at least 3 days before last date of tender submission.
8. (n)code solutions reserves the rights to issue digital signature certificate after verification of application forms / supporting documents submitted by bidder. (n)code solutions is fully authorized to issue digital signature certificate to bidders.
9. All the bidders who have no facility to participate in on-line tenders are requested to contact (n)code solutions for the same.
10. Free vendor training camp will be organized every Saturday between 4.00 to 5.00 P.M. at (n) code solutions-A Division of GNFC Ltd., Bidders are requested to take benefit of the same (Advance Confirmation to (n)code is requested).
11. All the correspondence in respect to training, support or digital signature certificate should be addressed to (n) code solutions directly on the above mentioned address

On Bidder's Letter Head

REF. NO.:

DATE:

TO,

SR.GENERAL MANAGER (PURCHASE)
M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD,
"KHANIJ BHAVAN", 132, FT. RING ROAD,
NR. UNIVERSITY GROUND, VASTRAPUR,
AHMEDABAD-380 052.

SUB. : **Tender fee** for e-tender no.013/17-18 are invited from reputed manufacturers / authorized dealer for supply, Installation and Training of Robotic Total Station at Rajpardi, Tal.Jhagadia.Dist.Bharuch.

DEAR SIR,

WITH REFERENCE TO THE ABOVE AND AS PER TERMS & CONDITIONS OF TENDER, WE ARE SENDING HEREWITH D.D. NO: _____ DATED _____ FOR **RS. 1000/-** DRAWN ON _____ BANK _____ BRANCH IN FAVOUR OF M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD., PAYABLE AT AHMEDABAD, BEING THE AMOUNT OF TENDER FEE.

KINDLY ACKNOWLEDGE THE RECEIPT AND SEND YOUR STAMPED RECEIPT FOR THE SAME.

THANKING YOU,

YOUR'S FAITHFULLY,

NAME, SIGNATURE & STAMP OF BIDDER

On Bidder's Letter Head

REF. NO.:

DATE:

TO,

SR.GENERAL MANAGER (PURCHASE)
M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD,
"KHANIJ BHAVAN", 132, FT. RING ROAD,
NR. UNIVERSITY GROUND, VASTRAPUR,
AHMEDABAD-380 052.

SUB. : **E.M.D.** for e-tender no.013/17-18 is invited from reputed manufacturers / authorized dealer for supply, Installation and Training of Robotic Total Station at Rajpardi, Tal.Jhagadia.Dist.Bharuch.

DEAR SIR,

WITH REFERENCE TO THE ABOVE AND AS PER TERMS & CONDITIONS OF TENDER, WE ARE SENDING HEREWITH D.D./BG.NO: _____ DATED _____ FOR RS. **50000/-** DRAWN ON _____ BANK _____ BRANCH IN FAVOUR OF M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD. PAYABLE AT AHMEDABAD, BEING THE AMOUNT OF E.M.D.

KINDLY ACKNOWLEDGE THE RECEIPT AND SEND YOUR STAMPED RECEIPT FOR THE SAME.

THANKING YOU,

YOUR'S FAITHFULLY,

NAME, SIGNATURE & STAMP OF BIDDER

On Bidder's Letter Head

D E C L A R A T I O N

REF.NO:

DATE:

TO,

SR.GENERAL MANAGER (PURCHASE)
M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD,
"KHANIJ BHAVAN", 132, FT. RING ROAD,
NR. UNIVERSITY GROUND, VASTRAPUR,
AHMEDABAD-380 052.

DEAR SIR,

I / WE HEREBY SOLEMNLY DECLARE THAT ANY OF OUR PARTNERS / DIRECTOR JOINTLY OR SEVERALLY AND / OR INDIVIDUALLY OR OUR FIRM / COMPANY / ASSOCIATE COMPANY HAVE NOT BEEN BLACK LISTED BY THE CENTRAL GOVT. OR ANY STATE GOVT. OR ITS UNDERTAKING.

I / WE HERE BY FURTHER DECLARE THAT, IF THE ABOVE DECLARATION IS FOUND FALSE, 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 MANNER AS MAY BE DEEMED FIT BY G.M.D.C.

THANKING YOU,

YOURS FAITHFULLY,

NAME, SIGNATURE & STAMP OF THE BIDDER.

Instructions to Bidders / Bidders

A. General Instructions:

1. Specification, quantity, unit, rate, taxes, duties, freight, insurance, packing, forwarding etc. should be mentioned as per price bid format.
2. Please indicate Rate/Unit and value both in figures and in words.
3. Quotation should be clear and legible. No correction, over-typing or over-writing shall be permitted in the Price Bid.
4. Bidders are requested to return our drawings enclosed with enquiry issued along with quotation / regret letter.
5. Bidders who submit their offers shall be deemed to have read, understood and accepted the terms & conditions of the tender.

B. General Terms & Conditions:

1. ELIGIBILITY CRITERIA

Only proven manufacturers / Authorized Dealers / Distributors are entitled to quote. Authorised Dealers / Distributors will have to submit along with the offer, Dealership/ Distributorship Certificate of their principal with date of appointment and validity signed by authorized signatory.

2. The bidders will be satisfying the following condition:-

They shall also have enough experience in supply of similar item in the country. Proof for the experience shall be produced before issue of tender documents to the firm.

3. THE TENDER & THE OFFER:

- a) It is a three-bid system. The bids are required to be submitted on line at <https://nprocure.com> by the date and time prescribed in the tender notice as under:

Part – I Preliminary Bid

- To be submitted online about the details of Tender fee and EMD.

Part - II Technical bid

- Technical bid documents i.e. forms are to be submitted on line. However, the documents required to be submitted in support of forms as well as tender fee and EMD in the desired form shall be placed in sealed cover super-scribed "TECHNICAL BID, e-Tender No. 013 /17-18 and Name of work ", should be submitted separately at Corporate Office, Ahmedabad before stipulated time.

Part – III Price-bid

- to be submitted **on line only** before the stipulated time.

- b) If the EMD and Tender fee are not found in the sealed technical bid document cover or if the amount thereof is found short, the tender will not be considered for scrutiny and will be out rightly rejected.
- c) The GMDC reserves the right to reject any or all the tenders or split the work between more than one bidder without assigning any reason thereof.

4. OPENING OF BIDS

- a. E-tendering procedure is explained as above.
- b. Preliminary bids will be opened after verification of receipt of payment towards Tender fee and EMD. The bidders will be able to view it on their computers on date and time notified in tender notice.
- c. On verification of the supporting documents, technical qualification of the bidders will be assessed. The successful bidders will be communicated the date and time of on line opening of price bids by fax or telephone or email or SMS. However, all the bidders will be able to view the price bids online on their computers.
- d. GMDC reserves right to seek any clarification from the bidder before opening the price bid.

5. CORRIGENDUM:

Corrigendum if any shall be uploaded on <https://nprocure.com> only. Please note that there is no provision to take out the list of parties downloading the tender document from the above referred the websites. As such bidders are requested to see the website from time to time before due date of tender opening of ensure that they have not missed any corrigendum uploaded against the said tender after downloading the tender document.

6. Earnest Money Deposit:

- (a) A non-interest bearing Earnest Money Deposit of **Rs. 50,000/- (Rupees Fifty thousand only)** shall be paid along with the tender, enclosed with Technical Bid documents in seal cover super scribed "TECHNICAL BID", in form of
1. DD in favour of GMDC Ltd. payable at Ahmedabad from Government of Gujarat approved bank, except Cooperative banks.
- And/or
2. Bank Guarantee, issued by a Government of Gujarat approved bank except Cooperative banks only in India valid for a period of not less than 3 (three) months beyond the proposed validity of bid. The validity of the Bank Guarantee shall be extended if required.

Any pending dues against invoice or any other deposit lying with the GMDC shall not be adjusted against Earnest Money Deposit. Any tender submitted without Earnest Money shall be summarily rejected and no claim shall be entertained on such rejected tenders.

- (b) The unsuccessful bidders will be refunded the EMD amount by way of Electronic mode within 30 days of finalization of the tender.
- (c) The EMD of the successful bidders shall either be adjusted as a part of security deposit, if desired by the successful bidder or shall be refunded by way of Electronic mode on receipt of security deposit amount as Stipulated in clause No. 7.
- (d) If the Contractor does not accept the work order issued by G.M.D.C., then EMD amount paid by the Contractor shall be forfeited.

7. Security Deposit:

The successful Tenderer need not require submitting security deposit as they will submit Performance Bank Guarantee before completion of work allotted site

The Contractor shall have to deposit Security Deposit @ 5% excluding taxes of the order value within a fortnight after receipt of the order. (In the case of SSI Industries, 3% is applicable) by way of

1. DD in favour of GMDC Ltd. payable at Ahmedabad from Government of Gujarat approved bank, except Cooperative banks.

And/or

2. Bank Guarantee, issued by a Government of Gujarat approved bank except Cooperative banks only in India valid for a period of not less than 4 months from the last delivery date and same shall be extended if required.

If the Contractor does not pay Security Deposit or does not supply the material as per our order or does not fulfill any of the terms & conditions of this tender, Earnest Money Deposit paid by such Bidder shall be liable to be forfeited by the GMDC.

Security Deposit paid by the contractor shall be liable to be forfeited by the GMDC, if Contractor is not able to supply the material in accordance with the terms & conditions in addition to LD clause.

Security Deposit paid will be refunded within 60 days after the execution of the order satisfactorily.

Earnest Money / Security Deposit will not bear any interest.

8. No Relaxation on EMD/SD.

Unit registered with Govt. of Gujarat / National Small Industrial Corporation Ltd., being SSI Unit will not be exempted from paying Earnest Money Deposit / Security Deposit in any case. Cheque will not be accepted.

9. Specification & Technical details as given in the tender shall be clearly confirmed in the offer and deviation will be considered as perform D. In case of minor variance or dispute the matter will be referred to the committee of GMDC and decision of the committee will be binding on the bidder.

10. PRICE:

Bidders are requested to quote the rates strictly within price ceiling as per the terms and conditions mentioned in the Tender Document. Rate quoted by the Bidder should be firm and no price escalation shall be given in whatsoever manner to the contractor during the supply period for any reason whatsoever. The bidder should quote price only on free delivery at our Project basis. The rates other than FOR project basis will not be considered and tender will be treated as non respective..

11. Validity:

Rate quoted shall remain valid for 120 days from the date of opening of the Technical-Bid, which shall have to be extended unconditionally for further maximum period of 60 days, as deem fit by the GMDC.

12. Taxes, duties & levies.

Bidders are requested to quote their GST number and date in the bid. Bid received from unregistered dealer will not be considered.

Financial Evaluation: L1 bidder will be decided after considering input tax Credit to be available to GMDC under GST.

13. Delivery:

- a) 100% delivery of the Material will be done in 45 days from the receipt of the order..
- b) Timely delivery is the essence of the contract. In the event of supply not being effected within the contractual delivery schedule given in the order ,liquidated damages @ 0.5 % not by way of penalty , of the unexecuted value of the materials without taxes and duties , per week of delay or part thereof , subject to a maximum of 10 % , is recoverable from the Contractor without prejudice to the right of GMDC to procure the balance materials at the risk & cost of the Contractor.

14. Invoice:

Original invoice should be sent at our corporate office, Ahmadabad. (Please mention the Purchase Order No. in Invoice without fail).

15. MATERIAL ACCEPTANCE /REJECTION PROCEDURE:

- 15.1 Contractor is under an obligation to deliver the ordered quantity as per the Form-d.

16. Transit Insurance:

The material supplied under the contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery to destination. Insurance is to be provided by the supplier at his cost.

17. Payment Terms:

100% payment will be made by way of electronic mode from H.O. within 30 days from the date of receipt of material or invoice along with supporting documents as per requirement of GMDC, whichever is later.

18. Guarantee/ Warranty:

The Contractor must replace, free of charge, any defect in design, material or workmanship manifesting themselves or fail or show signs of failure at any time within 36 months from the date of last delivery date of material, Material is to be replaced free of charge on FOR destination basis and all charges, duties, freight, insurance, etc. up to Project - Stores shall be borne by Contractor. All supplies will be considered to have been covered by the above guarantee by the Contractor unless specific conditions in this regard are indicated in the purchase order.

The above guarantee will be without prejudice to the inspection of materials by GMDC.

19. Loss and Damages:

The Contractor shall undertake to be responsible for the said receipt of the goods in satisfactory condition and without any loss or damage at the final destination and until the same is actually delivered and receipted by the GMDC at its works or other place of final destination. For this purpose goods carried by the railway or other carrier shall be deemed to be carried at the risk of the Contractor. If on inspection at final destination, the GMDC discovers any loss in goods supplied or the goods are received in damaged condition or in the opinion of the GMDC these are not of the contracted quality and specification, GMDC will be entitled (not-with-standing that the property of goods shall have passed on to the company) to refuse acceptance of the goods altogether and claim damages and/or cancel the contract and buy its requirement in the open market at the risk and cost of the Contractor, reserving always to itself, the right of forfeiture of any amount found due and payable and/or the security deposit.

20. Responsibility for packing:

The Contractor is responsible for the stores being sufficiently and properly packed for transportation avoid deterioration during transit and storage at Project - Stores.

- 21.** The tender submitted in contravention of the terms & conditions stated herein will not be considered.
- 22.** No conditional tender will be accepted and will be rejected out rightly.
- 23.** For any typographical error in this tender, decision taken by GMDC shall be final & binding to all the bidders.
- 24. Quantity of material supplied:** The quantity recorded at our Project and corporate office will be taken as the basis of payment.
- 25.** In case of disputes or difference of opinion in the interpretation of any of the terms & conditions of this tender, the decision of the Managing Director, of GMDC shall be final and binding to all.
- 26.** The GMDC reserves the right to reject any tender or all tender without assigning any reasons thereof. The GMDC also reserves the right to amend, alter, increase or decrease the quantity of the material.
- 27.** If the tender documents and forms referred to in the tender are not submitted or are submitted but not found duly filled in and unsigned, will result in rejection of the tender.

28. In the event of space being insufficient for furnishing required information, additional sheets may be used and signed.
29. Canvassing in any form may lead to rejection of the offer.
30. Bids once submitted shall not be returned and shall remain the property of the GMDC.
31. The bidder who have earlier been awarded contract by the GMDC for any job which they either did not accept or have abandoned if or contract has been terminated by the GMDC for breach of conditions, shall not be eligible to participate in this tender.
32. To assist in the scrutiny, evaluation and comparison of bids, the GMDC may, at its discretion, seek from any or all bidders, clarification(s) on his/their Bids, including technical information, documents and materials after the Technical Bid Opening but before opening of the Price Bid. The request for clarification and response shall be in writing or by fax or by mail, but no change in the final price or substance of the bid shall be permissible.

33. **JURISDICTION**

The matter relating to any differences arising out of this Tender and subsequent Contract shall be subject to the exclusive jurisdiction of Courts at Ahmedabad only.

34. **ARBITRATION**

All questions, disputes, differences whatsoever which may at any time arises between the parties to this Tender and subsequent contract or any matter arising out of or in relation thereto, shall be referred to Sole Arbitrator as per the provision of Arbitration and Conciliation Act, 1996 and the venue of the arbitration proceedings shall be at Ahmedabad only.

35. **FORCE MAJEURE**

1. Force majeure is herein defined as any cause which is beyond the control of the bidder or the GMDC as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:
 - i. natural phenomena such as flood, draughts Cyclone, earthquake and epidemics, declaration of war.
 - ii. Acts of any government, including but not limited to war, declared or undeclared priorities, quantities, embargoes, providing either party shall within fifteen (15) days from the occurrence of such a cause notify the other in writing of such cases.
2. The bidder will advise, in the event of his having resort to this clause by a registered letter duly certified by the statutory authorities, the beginning and end of the cause of delay, within fifteen days of the occurrence and cessation of such Force Majeure condition. In the event of delay lasting over two months, if arising out of Force Majeure, the contract may be terminated at the discretion of the GMDC.
3. For delay arising out of Force Majeure, the contractor will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of force Majeure and neither GMDC nor the bidder shall be liable to pay

extra costs provided it is mutually established that the Force Majeure conditions did actually exist.

36. PERFORMANCE BANK GUARANTEES:

The successful bidders shall be required to furnish the Performance Bank Guarantee.

- (a) 10% of the total Material value on Landed basis inclusive of applicable Taxes & Duties, valid for Commissioning period + 36 months from the date of supply of the equipment with claim period of 3 months in excess of the 36 months. The total period of PGB shall be for 39 months, SD will release against submission of PBG.
- (b) The Performance Bank Guarantee shall be released after fulfillment of all contractual obligations including warranty / guarantee conditions stipulated in the contract. For unsatisfactory Performance and/or contractual failure GMDC shall have the full right to invoke/encase the Performance Bank Guarantee.

The Performance Bank Guarantee shall be issued by Government of Gujarat approved bank except Cooperative banks only in India and shall be irrevocable and unconditional and GMDC shall have the powers to invoke/encase it notwithstanding any dispute or difference between supplier and GMDC pending before the court, tribunal, arbitrator or any other authority.

The format of performance bank guarantee shall be provided to successful bidder only

(A) TECHNICAL BID :

Sr. No.	Particulars	Declaration (Strike out whichever is not applicable)
1.	Check list of documents in the prescribed Performa, Form-A.	Yes/No.
2.	Earnest Money deposit for the value as indicated in Notice Inviting Tender.	Yes/No
3.	Tender Document fees.	Yes/No.
4.	Formats dully filled in and signed along with all required enclosures, complete as per Instruction to bidder.	
	Form No – ‘B’	Yes/No
	Form No – ‘C’	Yes/No.
	Form No. – ‘D’	Yes/No.
5.	Other documents to be enclosed by the bidder as per the instruction to bidder.	
	a.) Power of authority of the signatory to the bidder.	Yes/No.
	b.) Declaration in prescribed format on letterhead of the bidder.	Yes/No.
	c.) Tender documents downloaded from websites duly signed by bidder on each page.	Yes/No.
	d.) Technical Literature for proposed supply.	Yes/No.

(B) PRICE BID :

1.	Price quotation In Price Bid Sheet	Yes/No.
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e-TENDER NO. 013/17-18.

FORM - B

Details to be furnished by the bidder.

All the details about the description mentioned below is required to be furnished by Bidder to qualify in Technical bid.

SR. NO.	DESCRIPTION	DETAILS
1	Name of the Bidder with Full Address, Telephone Nos., Fax No., E-mail Address, Mobile No. etc. Please also provide details of nearest Branch Office if any.	
2	Whether the Bidder is a Joint Stock Company, Hindu Undivided Family, Individual or a Registered Partnership Firm. (Enclose attested copy of Deeds or Article of Association).	
3	Name of the person holding the power of attorney, if any. (Enclose attested copy of power of attorney).	
4	Name of the Partners / Directors with their present & permanent address and their liabilities in other firms, in which they are either employed or partners. (Enclose attested copy of partnership deed).	
5	Name of bankers A/C NO. IFS CODE ADDRESS	
06	Technical qualification and experience of the proprietor or partners and leading technical employees of the firm with detailed bio-data.	
07	Copy of P.F. code no. from RPFC office if applicable. Copy of the certificate may be provided.	
08	Whether registered vendor in any other Govt. Deptt. / Public U/T / Others. If yes, then furnish the details pertaining to class and the amount qualified to tender (Enclose copy).	
09	Has the applicant or its Partners or Directors been black-listed in past by any Govt. Deptt. Or any other body?	
10	Technical Specifications & required testing accepted?	
11	Tax PAN No	

12	Whether E.M.D. paid or not?	Yes / No
13	GST NO.	GST No.
14	Whether Penalty Term accepted?	Yes / No
15	Whether Payment Term accepted?	Yes / No
16	Whether Guarantee accepted?	Yes / No
17	Whether Validity Clause accepted?	Yes / No
18	Whether Delivery Period accepted?	Yes / No

NOTE:

- (1) It is compulsory for the bidder to furnish the details against each of above items and wherever it is not applicable, it may be mentioned so against the respective item.
- (2) Decision of the management regarding the qualifying / disqualifying the Bidder shall be final and binding to the bidder and no correspondence in this behalf will be entertained.

FORM – 'C'

DETAILS OF SIMILAR SUPPLY TO VARIOUS CLIENTS IN LAST 3 YEARS. :

Sr. No.	Name of Client with Address & Contact No.	Work Order/Purchase Order No. and Date	Documentary Evidence submitted or not.
1			YES/NO
2			YES/NO
3			YES/NO

Form – D

e-Tender No. 013/17-18 Technical Specification:

Technical Specification of Robotic Total Station under buyback of our old total station

Product Type		Robotic Total Station	Vendors Compliance
Model		Auto-tracking Model	
Auto-tracking / Auto-Collimating			
Tracking		Auto-tracking	
Collimating		Auto-collimating	
Motor type		Direct drive by ultrasonic motor/Motorization by other means	
Rotation speed / Auto-tracking speed		115° to 180°/s	
Auto tracking range (Minimum)		ATP1/ATP1S 360° prism : 2 to 600m one prism : 1.3 to 1000m	
Remote control range (RC handle + RC-5)		2 to 300m	
Telescope			
Magnification / Resolving power (Minimum)		30x / 2.5"	
Image:		Erect,	
Field of view:		1°30' (26m/1,000m),	
Minimum focus		1.3m	
Angle measurement			
Display resolutions		0.5"/1"	
Accuracy		2"	
Measurement Rang (Working Rang)			
Measuring range (Minimum)	Reflector less (DR Mode)	0.3 to more than 1,000m	
	Reflective sheet	1.3 to 500m	
	Mini prism	1.3 to 1000m	
	One prism	1.3 to 5,000m	
	ATP1/ATP1S 360° prism	1.3 to more than 1,000m	
Display resolution		Fine : 0.0001 / 0.001m Rapid : 0.001m Tracking / Road : 0.01m	
Accuracy (D=measuring distance in mm)	Reflector less	(2 + 2ppm x D) mm	
	Reflective sheet	(2 + 2ppm x D) mm	
	Prism	(1 + 2ppm x D) mm	

Measuring time	Fine / Rapid / Tracking	0.9s (initial 1.5s) / 0.6s (initial 1.3s) / 0.4s (initial 1.3s)	
OS, Interface and Data management			
Scanning Facility		250 m (Preferred)	
Camera		Preferred	
Operating system		Windows Embedded Compact	
Control panel	Display	4.3 inch, VWGA colour LCD with LED backlight, Touch screen,	
	Keyboard	19(Minimum) keys with backlight	
	Location	On both face (optional)	
Controller Display tab detachable (optional)		01	
Data storage	Internal memory	1GB internal memory (includes memory for program files)	
	Plug-in memory device	USB flash memory 16 GB	
Calendar / clock function		Yes	
Interface		Serial RS-232C, USB	
Wireless communication	Bluetooth modem	Bluetooth Class 1, Ver.2.1+EDR, Operating range: up to 600m	
General			
Levels	Graphic	6' (Inner Circle)	
	Circular level (on tribrach)	10' / 2mm	
	Circular level (for main unit)	8' / 2mm (option)	
Plummet	Laser	Red laser diode (635nm±10nm), Beam accuracy: ≤1.0mm@1.3m, Class 2 Laser product	
Dust and water protection / Operating temperature		IP65 (IEC 60529:2001) / -20 to +50°C	
Size with handle		212(W)x 172(D)x 355(H)mm	
Instrument height		192.5mm from tribrach mounting surface	
Weight with battery & tribrach		Approx. 6 kg	
Power supply			
Battery		Li-ion rechargeable detachable battery	
Operating time		Approx. 4hours	

Accessories:

Item	Minimum Numbers	Remarks	
Li-ion rechargeable battery	02		
Double Battery Charger	01	Both Batteries can be charged at a time	
Tripod Stand	01	Heavy duty (wooden)	
Single Prism with its accessories	04	1. Prism top edge should be pointed. 2. Poles should be telescopic type and reduced length not more than 1.20 meters for convenient in transportation	
360° prism with its accessories	01		
Mini prism with its accessories	01		
Reflector sheet	10	RS90N-K size	
Field Software	01	Applicable to Mine	

Warrantee: 03 years warrantee on site

Training : one week training will be in your scope at our site, lodging and boarding facility will provide by us as per chargeable basic.

Buy back Machine detail : Sokia Make Model 300, purchase year 2001 condition of machine is scrap.

NAME, SIGNATURE & STAMP OF BIDDER



PRICE BID

FOR SUPPLY,

INSTALLATION AND TRAINING OF

ROBOTIC TOTAL STATION UNDER BUY BACK OF

OLD TOTAL STATION

AT OUR LIGNITE PROJECT, RAJPARDI.

TAL.JHAGADIA,

DIST.BHARUCH

**PURCHASE DEPARTMENT
GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
(A Govt. of Gujarat Enterprise)**

"Khanij Bhavan", 132 Ft. Ring Road, Nr. University Ground, Vastrapur, Ahmedabad-380052.

Phone : 079-27910933(D)/27913200/3501/0665/1662 **Fax:** 079-27913891/1454

E-mail : purchase@gmdcltd.com **Website :** <http://www.gmdcltd.com>



PRICE BID

(ON LINE ONLY)

E-TENDER NO : 013/17-18.

We, M/s. _____ quote our rate as under against your Tender No.013/17-18.

Particulars	Robotic Total station under Buy back of old Total Station
Quantity	01
Basic Price	<u>(ON LINE ONLY)</u>
Packing Charges	
Insurance Charges	
Transportation Charges	
Gst Tax in %	
Total F.O.R. (I.e. inclusive of Taxes, Packing, Insurance & Transportation Charges).	
Total Amount Rs.	
Buyback Amount	
Total amount after buyback	

SIGNATURE OF BIDDER