



ISO 9001-14001
OHSAS 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड North Eastern Electric Power Corporation Ltd.

Agartala Gas Turbine Combined Cycle Power Plant

(बिड़तः ऑ इन्वीड एन्टरप्राइड)

MINIRATNA CATEGORY - I

SENIOR MANAGER (E),C&P Cell,AGTCCPP
P.O.: NEEPCO, RAMCHANDRANAGAR,
AGARTALA, TRIPURA (W) - 799008
Phone: 0381-2391292 Fax: 0381-2391268
email : agtpp.onm@gmail.com

Detailed Notice Inviting Bid.(e-tender)

NIB No 41 NEEPCO/AGTCCPP/Sr.M (E/M)/C&P/2016-17 Dated: 12 /07/2016

ON LINE Sealed bids (Single Stage - two Envelope) with 180 (One hundred eighty) days validity are invited from Manufacturer/ Authorised Dealers / Franchisee for supply installation & commissioning of Various Calibration instruments as per Specified make and Model for Agartala Gas Turbine Combine Cycle Power Plant, NEEPCO Ltd. Agartala Tripura(West). Detailed Tender Document containing Terms and Conditions for Bidding including Qualifying Requirement can be down loaded from NEEPCO's online portal <https://neepco.abcpurchase.com>. The said tender can be viewed at the website <http://neepco.gov.in> and <http://www.eprocure.gov.in>.

BIDDING PROGRAMME

1. Participations& Submission of Tenders:

1.1 Portal Registration: The bidders intending to participate in the e-tendering and download the detailed bid document have to register them in the portal <https://neepco.abcpurchase.com>.

Relevant information about the bidder required during the registration is available in the portal.

1.2 Vendor registration: The fee for Vendor Registration in the portal is Rs.3000.00 (Rupees three thousand) only per year (non refundable)

1.3 The procedures for registration in the e-tendering portal are as under:

Step 1: Visit the e-tendering portal <https://neepco.abcpurchase.com>.

Step 2: Click on new vendor registration and submit the online Form for company/Vendor details required. If a vendor is already registered in the e-tendering portal(<https://neepco.abcpurchase.com>) of NEEPCO and registration is valid, then no further registration is required and the vendor may directly login the e- tendering Portal.

Step 3: Then to make the payment for vendor registration in the e-tendering portal in the account mentioned below (at clause 1.4) . The fees for vendor registration in the portal is Rs 3000.00(Rupees three thousand only) per year (non refundable).If the vendor is already registered in the portal and the registration is valid no further payment for registration is required. However,vendor intending to participate in the relevant e-tender is to ensure that his registration in the e-tendering is valid till the completion of the entire bidding process of the relevant NIB.

Payment can be made through the following Method:

- Payment can be made through "Payment gateway" available in the e-procurement portal by "Net banking /Debit card/credit card".

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ii) Payment can be made by NEFT/RTGS. The bidder has to register first and enter the mandatory details. After that bidder will go to the "payment option" and click on NEFT/RTGS. The details will have to be filled up and the challan printed and payment can be made at any bank. The bidder can then scan the receipt and upload the same to the portal.

iii) There is no provision for cash payment.

Step 4: After payment of vendor registration fee the scanned copy of payment receipt should be sent along with the bidders details at email Id: contract@neepco.gov or contract_neepco@yahoo.com to advise the service provider for approval of the vendor. Vendors may contact Sri R. Ramaswami, Manager, C&P Department, NEEPCO, Shillong Mobile No: +91-9436704369, e-mail: rramaswami@neepco.gov.in to get confirmation regarding receipt of vendor registration fee.

Step 5: After successful payment, the vendor has to map the digital certificate (class-II or Class-III signing & encryption certificate) with hid login-id as per the name of the registered company for approval process. For registration and digital Certificate, the vendors may contact the service provider at Mr. Himalaya Vaishnav

e-Procurement technologies Ltd, Ahmedabad

Phone No: +91-7940016866/38/21/18

Mobile no: +91-9099090830

E-mail: info@abcprocure.com

However, vendors are free to obtain Digital Signature from any other certification Agencies appointed by the controller of certification Agencies (CCA) under the provision of IT Act. 2000.

Step 6: On approval of the vendor in the system, e-mail will be sent by the Service provider to the company/vendor regarding their vendor profile activation. The registration is valid for one year once vendor profile is activated.

1.4 Procedure for payment of registration fee: Bidders shall make payment of vendor registration fee at the following Account:

Name of the Account: E-Procurement Account, NEEPCO Ltd,

Account No: 913020005982636 of Axis Bank. Shillong.

IFS Code: UTIB0000270

1.5 Bidders shall clearly indicate the head against which payment has been made at the above account in the following format:

i) eNIB No: 41/NEEPCO/AGTCCPP/SM(E/M)/C&P/2016-17 Dated: 12/07/2016

Registration fee Rs. 3000.00 (NAME OF BIDDER)

ii) eNIB : 41/NEEPCO/AGTCCPP/SM(E/M)/C&P/2016-17 Dated: 12/07/2016

Bid fee Rs 500.00 (NAME OF BIDDER)

iii) eNIB: 41/NEEPCO/AGTCCPP/SM(E/M)/C&P/2016-17 Dated: 12/07/2016

Earnest Money Rs 10730.00 (NAME OF BIDDER)

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Bidders are requested to submit the bid through on line e-tendering system well before the bid submission end date and time as per server clock. The corporation shall not be responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.

1.6 For any clarification related to terms & conditions of bid document, bidders are requested to forward email clearly stating their queries to the tendering authority at e-mail id: agtpcp2015@gmail.com.

1.7 For any clarification related to procedure for bid submission bidders are requested to contact : e-procurement Technologies Ltd.(Service Provider) having the following contact details:

e-Procurement Technologies Ltd.

A-201-208, Wall Street-II/Opp.Orient Club

Nr.Gujarat College/Ellisbridge,

Ahmedabad-380015

Gujarat, India

Tel:+91-79-40016802-77

cell:+91-9374519754/9377988119

email ID: Support@abcprocure.com

1.8 All the bidders are requested to get themselves registered well in advance and no extra time will be consider for submission of bids for the delay in online Vendor registration , if any.

2) Submission and opening of Bids: Bidders shall prepare and submit their bids in the electronic form in <https://neepco.abcprocure.com>. Online bidding forms will be available in the above website.

Bidders may view the tender opening results of techno-commercial and price bids in <https://neepco.abcprocure.com> by marking their presence for online tender opening. Price bid of only those bidders who qualify in the Techno-commercial evaluation shall be opened.

3) Important Dates & Bid Validity :

- a) Date of commencement of downloading of bid documents from the portal <https://neepco.abcprocure.com> : w.e.f 18:00 Hrs of 12/07/2016.
- (b) End date & time for downloading of bid document : 11:00 Hrs of 11/08/2016.
- (c) Last date & time for receipt of bids online: 12:00 Hrs of 11/08/2016.
- (d) Date & time for opening of bids online: 15:00 Hrs of 11/08/2016.
- (e) Bid validity : 180 (One hundred eighty) days from the date of opening of bids.

In case 11/08/2016 is a holiday, the Quotation shall be opened on the next working day at the appointed times. Quotations received through any Off-Line Mode shall not be considered.

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4) Bidders are requested to visit e-tendering portal <https://neepco.abcpocure.com>, NEEPCO website <http://www.neepco.gov.in> and CPP portal <http://www.epocure.gov.in> regularly for any modification/ clarification of bid document.

5) Bidders are requested to adhere to the following :

- i) Obtain individual Organization Digital Signature Certificate (DSC or DC) well in advance oftender submission deadline on Electronic Tendering System (ETS).
- ii) Register your organization on ETS well in advance to comply with the stipulated tender timeline.
- iii) Get your organization's concerned executives trained on ETS well in advance to comply with the stipulated tender timeline.
- iv) There could be last minute problems due to internet timeout, breakdown etc. Accordingly, the bidders are requested to submit the bid through online e-tendering system well before the bid submission end date and time as per Server System Clock. The Corporation shall not be responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.

- 6) **Earnest Money**: An amount of Rs 10730/= (Rupees Ten Thousand seven Hundred thirty) only to be submitted along with the offer.

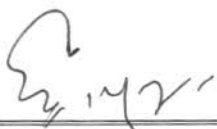
The Vendor can make the payment of the EMD as explained above in Step 3 of 1

If a bidder withdraws the tender while it is under consideration or, after placement of order, the bid security /EMD shall be forfeited along with other action as the Corporation deems fit. The EMD of all unsuccessful bidders shall be returned only after placement of order with the successful bidder.

- 7) **Tender fees/ Bid Document Fee**: A non-refundable Tender Fee of Rs 500/= (Rupees five hundred) only shall be submitted in addition to the EMD by the prospective bidders. The tender Fee shall not be clubbed with the EMD. The Bidder shall make the payment as detailed above in Step 3 of 1. During payment of bid fee in the above account, Bidders shall clearly indicate the NIQ No. against which the bid fee is being paid.

- 8) **Refund of EMD** : For vendors who has deposited EMD through payment gateway and in case of refund, the department will inform Corporate Treasury/ Cash department, Shillong by mail or through a hard copy. The EMD will be ultimately released from CHQ, Shillong,

- 9) **Evaluation of Tender**: Techno-commercial bid shall be opened on 11/08/2016 ON LINE. Tenderers' authorized representative shall be permitted to attend the tender opening only on submission of authorization letter. Purchaser will examine the Tender document to determine whether they fulfilled the qualifying requirement, whether they are complete and meet the requirements of this Tender specification. Tender submitted without fulfilling the qualification criteria shall be rejected and shall not be considered for price bid evaluation. Price bid of those



tenderers meeting the qualifying requirement and requirements of Tender specification shall be opened on completion of Techno-commercial Evaluation. Date for price bid opening shall be notified at a later date.

INSTRUCTION TO BIDDER

The intending bidders who fulfill the eligibility / qualifying criteria as given below should participate in the on-line Bidding process. Fulfillment of criteria as mentioned is essential, as non-compliance will lead to rejection of the Bid, without any further communication.

Qualifying Criteria: The bidders must fulfill the following qualifying criteria:

1. The Tenders of the bidders must accompany tender fee and EMD in favour of NEEPCO Ltd payable at Agartala. Without Tender Fee and EMD of requisite amount, the tenders will be rejected.
2. Valid Manufacturer's License in case of manufacturers directly participating in the tender or Valid authorised Dealership Certificate/ certificate of Authorised Agent in case of dealers/authorized agent participating in the tender.
3. The bidders shall have supplied similar type of instruments in any Govt. of India organization/State Govt. organisation /PSU during last 7years. Documentary evidence to that effect shall be submitted.
 - a) Three supplies of similar items of 40% of offered rate
 - OR
 - b) Two supply of similar items not less than 50% of offered price.
 - OR
 - c) One supply of similar items not less than 80% of the offered price
- 4) List of Customers.
- 5) The average Annual Turnover certificate equivalent of 30 % of offered amount during the last three years should be submitted.
- 6) Copy of Bidders PAN No.
- 7) Bidders must be able to extend after sales service support for their quoted materials. Accordingly, certificate in support of this should be submitted.

SCOPE & TECHNICAL SPECIFICATION

Scope: Supply, Transportation, Transit Insurance and Delivery of materials up to AGTCCPP site (FOR basis), as per following Technical Specifications along with installation and commissioning of materials at site.

TECHNICAL SPECIFICATION

Sl no	Description of Item & Technical Specification
1	Portable (Pneumatic) Pressure Calibrator, Make : Nagman, Model : PPC- PL 10 Features : • Range :-8000 mmWC to 10000 mmWC • Accuracy : +-0.075% F.S.

- Automatic Temperature Compensation (0 to 50 deg C)
- Light Weight & Compact , Trendy, Elegant 'Rugged' Carry Case- Truly portable
- Large Graphic Display, Touch Membrane Keypad
- Pressure Unit : mmH₂O (mmWC), Selectable Engineering Pressure Units
- DC Current Measurement : 50 mA (Active) & 25 mA (Passive)
- Switch test capability & Zero Offset facility, Audio & Visual Alarms for over pressure
- Pressure Transducer- all Media compatible with SS316
- Rechargeable Battery with 'Low Battery' indication
- Built-in- Pump & Fine Adjustment Vernier Assembly

Detail Specifications :

Ranges	- 8000 mmWC to 10000 mmWC
Accuracy	+/-0.075% FS
Temperature Compensation	0 to 50 deg C (Automatic)
Resolution	Minimum 5 Digits
Display	Large Graphic Display
Pressure Units	mmH ₂ O (mmWC)
mA input	50mA (Active Loop) & 25 mA (Passive Loop) & Load resistance: 800 Ohm
Volts input	0 to 30 VDC
Resolution (mA/V)	0.01
Instrument Casing	Trendy, Elegant 'Rugged' Case – Truly Portable
Pressure Switch Test	Maximum 5VDC (approx.)
Over Pressure Alarm	120% FS (Audio/ Visual)
Battery	Rechargeable Battery with External Charger
Low Battery Indication	Provided
Pressure Generation	Integral/ Built- in Pump & Fine Adjustment Vernier Assembly

2

Smart Pressure Calibrator – Advance Microprocessor Based Make : M/S. Nagman, Chennai, Model : MPC-P+20

Features :

- Range :-0.85 to 20 Bar
- Accuracy : +/-0.025% F.S.
- Automatic Temperature Compensation (0 to 50 deg C)
- Graphic Display
- Touch Membrane Keypad



- Selectable Engineering Pressure Units
- DC Current Measurement : 50 mA (Active) & 25 mA (Passive)
- Switch test capability & Zero Offset facility
- Audio & Visual Alarms for over pressure
- Pressure Transducer- all Media compatible with SS316
- Rechargeable Battery with External Charger
- Digital Pressure Indicator with matching Pneumatic Hand Pump with Vernier

Specifications :

Ranges	-0.85 to 20 Bar
Accuracy	+/-0.025% FS
Temperature Compensation	0 to 50 deg C(Automatic)
Resolution	Minimum 5 Digits
Display	Graphic
Pressure Units	Kg/Cm ² , Bar, mBar, PSI, mH ₂ O, mmH ₂ O, cmH ₂ O, inH ₂ O, ftH ₂ O, mmHg, inHg, Atm, Mpa, Kpa, Pa
mA input	50mA (Active Loop) & 25 mA (Passive Loop) & Load resistance: 800 Ohm
Volts input	0 to 30 VDC
Resolution (mA/V)	0.001
Over pressure Alarm	120% FS (Audio/ Visual)
Pressure Switch Test	Maximum 5VDC (approx.)
Pressure generation	Thro' matching Pneumatic Hand Pump with Fine Adjustment Vernier & Release Valve
Battery	Rechargeable Battery
Low Battery Indication	Provided



Smart Pressure Calibrator – Advance Microprocessor Based. **Make : M/S. Nagman, Chennai, Model : MPC-H+-100**

Features :

- Range : 0 to 100 Bar
- Accuracy : $\pm 0.025\%$ F.S.
- Automatic Temperature Compensation (0 to 50 deg C)
- Graphic Display
- Touch Membrane Keypad
- Selectable Engineering Pressure Units
- DC Current Measurement : 50 mA (Active) & 25 mA (Passive)
- Switch test capability & Zero Offset facility
- Audio & Visual Alarms for over pressure
- Pressure Transducer- all Media compatible with SS316
- Rechargeable Battery with External Charger
- Digital Pressure Indicator with matching Pneumatic Hand Pump with Vernier

Specifications :

Ranges	0 to 100 Bar
Accuracy	$\pm 0.025\%$ FS
Temperature Compensation	0 to 50 deg C(Automatic)
Resolution	Minimum 5 Digits
Display	Graphic
Pressure Units	Kg/Cm ² , Bar, mBar, PSI, mH ₂ O, mmH ₂ O, cmH ₂ O, inH ₂ O, ftH ₂ O, mmHg, inHg, Atm, Mpa, Kpa, Pa
mA input	50mA (Active Loop) & 25 mA (Passive Loop) & Load resistance: 800 Ohm
Volts input	0 to 30 VDC
Resolution (mA/V)	0.001
Over pressure Alarm	120% FS (Audio/ Visual)
Pressure Switch Test	Maximum 5VDC
Pressure generation	Matching Pneumatic Hand Pump with Fine Adjustment Vernier & Release Valve
Battery	Rechargeable Battery
Low Battery Indication	Provided

Pneumatic Hand Pump, Make : M/S. Nagman, Chennai, Model : PHP-25

Features :

- Compact Light Weight, Hand Operated
- Combined Vacuum & Pressure Pump with Pressure/ Vacuum Changeover option
- Generation (Range) of (i) Pressure : Upto 25 Bar
(ii) Vacuum : Upto 0.9 Bar
- Fine Adjustment Vernier to realize upto 1mBar Resolution/Sensitivity
- Very Low Leakage rate, Flexible Nylon Hose (1 meter) with Swivel Adaptor to connect devices under Test, Test Connection Port: 1/4" (F) BSP
- Gauge/Indicator Connection Port : 3/8" (F) BSP
- Weight (approx) : 750 gms, Instrument Dimension (H x W x D) : 230 x 140 x 65 mm

Specifications : Range : -0.9 bar Vacuum to 25 Bar pressure, Medium : Air,
Sensitivity / Resolution : Upto 1m Bar.

Comparison Test Pump, Make : M/S. Nagman, Chennai , Model : GCL 250-SP

Features :

- Ranges : 0 to 250 Bar
- Compact & Easy to carry for Lab & Field use
- Priming Pump with fine adjustment Vernier for Incremental Pressure Generation
- Adjustable Foot, Medium : Oil
- **Specifications :**

Range : 0 to 250 Bar, Medium : Oil

Type : Screw Pump

Pressure Generation : Priming pump for initial pressures & Screw RAM Pump for high Pressures

Test Port Connection : 1/2" BSP (F) Swivel

Decade Resistance Box Make : M/S Toshniwal, Model : PL33.04

Features:

- Managing Resistance Coils
- Non – Inductively wound & aged resistors
- Low temperature co- efficient
- Sturdy, rugged & trouble free service

- 6 decade models

- Very low contact resistance switches

Specifications :

Range	0.1 to 1 KOhm (6 Nos of Decades)
Accuracy	At 27 deg C, see table below
Effect of temperature % per 10 Deg C	0.01 & 0.1 Ohm- 0.1 1 to 10 KOhm – 0.02
Current carrying Capacity	Max. Value I _{max} as per table below
Residual Resistance	0.002 Ohm per dial, all dial set at zero
High Voltage Test	2kV between terminal and instrument case
Ambient	15-45 deg C, RH 75% average, 90% maximum

Decade	Ohm/step	1K	100	10	1	0.1	0.01
Accuracy	+-%	0.05	0.05	0.05	0.05	0.3	2
I _{max}	Amp	0.02	0.07	0.2	0.7	2	5
PL33.04		1k +	100 +	10+	1+	.01+	0.01+

: GENERAL TERMS & CONDITIONS:

(All prospective Bidders are requested to go through these instructions carefully)

The quotation against this NIB **should be submitted On-Line**. The general Terms and Conditions are:

- 1. Scope:** Supply, transportation, transit insurance and delivery on FOR at AGTCCPP, NEEPCO ,R.C Nagar ,Agartala basis as per Technical specification along with installation and commissioning of materials at site. **Make/Brand of your offered item should be specifically mentioned in the offer.**
- 2. Delivery & Delivery point:** Materials shall have to be delivered within 45 (fortyfive) days from the date of issue of LOI/supply order on FOR AGTP basis.
- 3. Transportation:** The contractor shall arrange and take full responsibility during transit of materials and comply with all necessary transit insurance. NEEPCO shall arrange the required on line Permit .
- 4. Transit Insurance:** In Supplier's Account.
- 5. Liquidity Damage:** In case the supplier fails to deliver the materials within contractual delivery period then LD Shall be applicable @ 0.5% (half percent) value of the undelivered portion of the supply value per week or part thereof subject to a ceiling of 10% (ten percent) of the ordered value.
- 6. Force Majeure Condition:** The above clause of liquidated damage shall not be applicable in case of force majeure condition such as Flood, war, civil unrest, natural calamities or acts of God on which the bidder / supplier does not have any control.
- 7. Rate:** Rates quoted shall Remain FIRM and FINAL till the completion of supply.
- 8.** The bidders shall fully make themselves aware of the applicable taxes & duties for supply of goods at Tripura & shall quote total FOR destination prices showing break-up of basic price, applicable taxes & duties, freight & insurance charges. For concessional CST, "C" Form shall be issued.

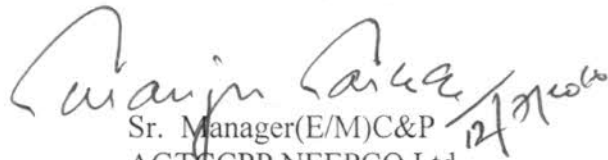


9. **Payment:** Ninety percent (90%) of basic amount along with Hundred Percent (100%) taxes & duties shall be paid after receipt and subsequent inspection and acceptance of materials at AGTCCPP site. Balance ten percent (10 %) shall be released after expiry of warranty period, if the instruments continue to perform satisfactorily.

Alternatively, Hundred (100%) payment along with Hundred percent (100%) taxes and duties shall be paid on submission of Security cum Performance BG for an amount equivalent to Ten (10%) of the billed amount with a validity of eighteen (18) months. The BG shall be issued from any Nationalised / Scheduled Bank of India and to be submitted within one (01) month from the date of issue of LOI.

10. **Excise Duty**, if any shall be reimbursed on production of documentary evidence.
11. **Warranty / Guarantee:** The materials should be guaranteed / warranted for any manufacturing defects and towards satisfactory performance for twelve (12) months from the date of receipt.
12. **Calibration Certificate:** Necessary calibration certificate for all pressure calibrators from NABL Accredited laboratory (As per ISO/IEC 17025:2005) shall be submitted along with the instrument failing which materials shall not be accepted.
13. **Exemption:** If the bidder is eligible for any kind of exemption/concession from state Govt. /Central Govt. the bidder shall furnish documentary evidence to consider the same
14. **Deviations if any** from the tender requirements must be reflected in a separate sheet for our evaluation and approval.
15. **Consignee:** Dy.Manager (E/M), Store, AGTCCPP NEEPCO Ltd, R.C. Nagar, Agartala 799 008, Tripura (West).
16. Bidders shall prepare and submit their bids on Line in electronic form in <https://neepco.abcpurchase.com> online bidding forms are available in above website. Manual Off line Bids shall not be accepted. However, the document submitted by the bidder must be signed and sealed at each page by the bidder with signature before scanning and uploading.

The bidders are requested to note that participation in the bid shall be taken as acceptance of the terms & conditions as stated above. In case any condition(s) is/are not acceptable to the bidder, the same should be mentioned in the offer/quotation in clear terms in the deviation sheet. Bidders are requested to visit the website (<https://neepco.abcpurchase.com>) for any future change/ modification/ corrigendum/addendum to this tender. The Corporation reserves the right to change/modify the requirements and/or to postpone/accept or reject this NIB in full or part without assigning any reason thereof and is not bound to accept the lowest offer.


Sr. Manager(E/M)C&P
AGTCCPP,NEEPCO Ltd.
Email:agtpn.onm@gmail.com

Price Schedule Table-1(SUPPLY)

Sl no	Description of item	Unit	Qty	Basic Price (INR)	P&F Chrg. (INR)	Taxes & duties(INR)	F &I Chrg. upto AGTCCPP site(INR)	Any other (INR)	Total (INR)
1	Portable (Pneumatic) Pressure calibrator along with calibration Software. Model:PPC-PL10. Make: M/s Magman, Chennai.	Nos	1	<u>Bidder shall quote their rate in ON LINE Bidding Form</u>					
2	Smart Pressure calibrator. Advance Microprocessor Based. Model:MPC-P+-20. Make:Nagman,Chennai.	Nos	1						
3	Smart Pressure calibrator, Advance Microprocessor Based, Model: MPC-H+-100, Make: Nagman, Chennai.	Nos	1						
4	Pneumatic Hand Pump Model:PHP-25 along with carrying case and additional set of adapters	Nos	1						
5	Comparison Test Pump Make:Nagman,Chennai, Model:GCL250-SP along with gauge adapters, right angled adapter and SS adapters.	Nos	1						
6	Decade Resistance Box. Make: M/s Toshniwal. Model: PL33.04	Nos	1						

Table-2 (Service)

Sl no	Description of item	No of Manday	Rate /Manday(INR)	Service Tax(INR)	Total(INR)
1	Installation & commissioning charges .		<u>Bidder shall quote their rate in ON LINE Bidding Form</u>		