



श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता
Syama Prasad Mookerjee Port, Kolkata

हल्दिया गोदी परिसर
HALDIA DOCK COMPLEX



संयंत्र और उपकरण (पीएंडई) प्रभाग,
परिचालन प्रशासनिक भवन, प्रथम तल, चिरंजीबपुर, पीओ:
हल्दिया, जिला: पुरबामेदिनीपुर, पश्चिम बंगाल, भारत, पिन -
721604

Plant and Equipment (P&E) Division, Operational
Administrative Building, First Floor, Chiranjibpur, PO:
Haldia, District: Purba Medinipur, West Bengal,
India, Pin - 721604
मोबाइल नंबर / Mobile No. : +91 94347 35407
ईमेल/Email: schakraborty.hdc@kolkataporttrust.gov.in

No. - SDM(P&E) /Calibration/ BO /24/153/199

Dated: 26.06.2024

REQUEST FOR SUBMISSION OF FINAL OFFER

Subject: Enquiry for obtaining final offer for Calibration of Measuring & Testing instruments / tools of Haldia Dock Complex, SMPK.

Reference above, you are requested to submit final offer, for Calibration of measuring & testing instruments / tools of Haldia Dock Complex, SMPK, as per the enclosed list Annexure-III.

We would like to carry out calibration work at our site. In case it is not possible to carry out calibration at site for some items, you will have to take such items to your laboratory. The contractor is required to arrange and finance the packing, unpacking, repacking, unpacking again, and round-trip road transport of measuring & testing instruments/tools of Haldia Dock Complex, SMPK from HDC's premises in Haldia to the Laboratory of the Intending bidder for calibration purposes. The bid should include the rates for these services accordingly.

Your offer should be based upon the enclosed Scope of work (Annexure-I), Terms & Conditions (Annexure-II), and Bill of Quantities (Annexure-III).

Please submit your final offer, positively by 11.07.2024, by mail, to the Office of Plant & Equipment Division, Operational Administrative Building, Chiranjibpur, Post: Haldia, Dist.: Purba Medinipur, Pin - 721604.

The items mentioned in Annexure -III may vary at the time of actual work.

शुद्धता, विश्वसनीयता, प्रगति

Syama Prasad Mookerjee Port, Kolkata

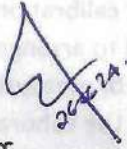
শুদ্ধতা, বিশ্বসনীয়তা, প্রগতি

Information Related to submission of offer

i)	Mode of Submission of Quotation/ Offer	:: Final Offers should be submitted in the sealed envelope.
ii)	Closing date & time for submission of Quotation / offer.	:: 11.07.2024, up to 15:00 Hrs. (IST)
	Date & time of opening of Quotation/ offer.	:: 11.07.2024, from 15:30 Hrs. (IST) onwards.
iii)	Address for submission of bids in sealed cover	:: Office of the Sr. Dy. Manager (P&E), Operational Administrative Building (1st Floor), Haldia Dock Complex, Syama Prasad Mookerjee Port, Kolkata (Formerly Kolkata Port Trust), Chiranjibpur, P.O. Haldia, Dist. Purba Medinipur, West Bengal, Pin- 721604.

Thanking You,

Your faithfully,



एस. चक्रवर्ती/S. Chakrabarty

वरिष्ठउप. प्रबंधक(पीएंडई)/ Sr. Dy. Manager (P&E)

हल्दिया डॉक कॉम्प्लेक्स/Haldia Dock Complex

श्यामा प्रसाद मुखर्जी बंदरगाह, कोलकाता/ Syama Prasad Mookerjee Port, Kolkata.

Scope of Work

1. Successful bidder will plan their detailed programme prior to commencement of calibration work at HDC's site and inform HDC well in advance indicating names of personnel connected with the calibration job.
2. Calibration report will be provided by Successful Bidder for the equipment/measuring & testing instruments/tools, after completion of work. Intending bidders' Laboratory should be accredited by NABL for calibration at their laboratory and also for onsite calibration job.
3. Successful Bidder will make necessary arrangements for on-site calibration at Haldia Dock Complex. The equipment/measuring & testing instruments/ tools for calibration will be handed over to their Engineers at site with necessary technical details and after calibration the equipment / measuring & testing instruments/tools will have to be handed over to HDC at site.
4. Measuring & testing instruments/tools after handing over to Successful Bidder, equipment of Successful Bidder as well as equipment of HDC submitted for calibration will be under custody of Successful Bidder during normal duty hrs. But beyond normal duty hrs., when Successful Bidder calibration team leaves the site, the same will be under custody of HDC's Security System.
5. Successful Bidder will arrange to mark all the calibrated measuring & testing instruments/tools with properly signed sticker. Successful Bidder will commence calibration work and shall affix stickers, and reports will be issued subsequently.
6. Whenever malfunction or loss of measurement capability of measuring & testing instrument/tool is noticed during the process of calibration, Successful Bidder will halt the calibration and notify coordinator of HDC so that Engineers of HDC can check the malfunction and take necessary action. Such instrument shall be returned to HDC for necessary action at HDC's end like replacing another instrument, repair etc. at HDC's cost.
7. Validity of calibration of individual measuring & testing instruments/tools will be 1 (one) year from the date of calibration.
8. Planning & execution of the job will be done with mutually agreed dates, considering due date of calibration of measuring & testing instruments/tools.
9. Packing at Haldia and repacking at the Intending bidders' Laboratory where Calibration to be done of each & individual measuring & testing instruments/tools to suit as per respective shape and size of the instrument/tool with the following packing materials:

4-ply board, Thermo coal Sheet, paper cutting/flake, Foam/Rubber Sheet, Jute cloth, binding strip & clip etc. Due care must be given during packing and repacking that no instrument/tool gets damage. The packing and repacking should be made upto the satisfaction of Sr. Dy. Manager (P&E), HDC or his authorized representative, in all respect.
10. Marking of each & individual packing box containing with instruments/tools by paint, wherein the Identification no. of the respective instrument/tools as per the enclosed list of instruments should clearly be mentioned.

Full signature and seal of the bidder

Scope of Work

11. A group of 8 (eight) to 10 (Ten) Nos. individual small packing boxes to be kept inside the bigger wooden packing boxes and should be marked by paints/marker pen, showing the Identification Nos. of the instruments/tools contained thereof.
12. The above packing work of the listed measuring & testing instruments/tools are to be done at Loco Section of P&E Division, under HDC, to make them ready in all respects for dispatching the same to the Intending bidders' Laboratory for calibration. Transport will be arranged by the successful bidder for carrying the measuring & testing instruments/tools from HDC's premises at Haldia to the Intending bidders' Laboratory.
13. On reaching the above packing boxes at the Intending bidders' Laboratory, to unpack/remove the measuring & testing instruments/tools, from the packing boxes for calibration.
14. On subsequent date after completion of calibration of the listed measuring & testing instruments/tools at the premises of intending bidders' Laboratory, the same should be repacked carefully and repacking work should be carried out at the premises of intending bidders' Laboratory.
After repacking, all the packed materials will be transported and returned to Loco Section of P&E Division, under HDC. Transport will be arranged by the successful bidder for carrying the measuring & testing instruments/tools from the Intending bidders' Laboratory to Loco Section of P&E Division, under HDC, at Haldia. However, after return of the same at Loco Section of P&E Division, under HDC, at Haldia, the contractor has to unpack the measuring & testing instruments/tools from the packing boxes.
15. Additional Measuring and Testing Instruments/Tools may be included as per same quoted rate, terms and conditions, if the situation demands.
16. Utmost care must be taken during packing, unpacking and transporting for ensuring that no measuring & testing instruments/tools gets damage. The contractor will be held responsible for any damage to measuring and testing instruments/tools and the cost of repairing or replacing these damaged items will be recovered from the contractor.
17. Quantity: Quantity of instruments/tools will be as per enclosed Annexure-III, quantity of which may vary.

Full signature and seal of the bidder

Terms and Conditions

1. **Price:**
Item-wise price(s) for calibration to be quoted by the intending bidders, which should remain firm till completion of the work. However, the taxes and other statutory levies will be extra as applicable. The Bidder should mention details of such applicable taxes.
2. **Payment Terms:**
After calibration and handing over of Stickers & Laboratory Job Reports duly signed and verified by NABL Certified Lab, 100% **progressive payment** will be made within 30 days from the date of submission of unambiguous Invoice.
3. **Completion Period:**
 - a) Successful Bidder will complete calibration **within 07 (Seven) days** time for individual instruments from the date of handing over to the calibration Engineers for calibration work at HDC's site.
 - b) For calibration work outside HDC, the calibrated measuring & testing instruments/tools should be returned to HDC within 15 days.
4. **Validity:**
The validity of the offer should not be less **than 90 days** from the actual date of opening of the offer.
5. **Eligibility Criteria:**
The intending bidders are required to submit the following documents, as stated in the enquiry, otherwise their Bid will not be considered.
 - a) Intending bidders' Laboratory should be accredited by NABL for calibration at their laboratory and also for onsite calibration. Photocopy of the above-mentioned documents should be submitted along with the offer.
 - b) Photocopy of Order issued by Central Govt. /State Govt. /Port sector/PSU to the firm for calibration.
 - c) Photo copies of valid GST registration Certificate (if applicable).

Full signature and seal of the bidder

6. **Evaluation of Bid and selection of Successful Bidder:**

While evaluating the Bids, the Total amount (in ₹) as quoted by the Bidders shall be taken into account and will be considered for evaluation. Selection of the successful bidder will be made on the basis of the “**Lowest TOTAL PRICE**” thus arrived.

In case it is found that the quoted “**TOTAL PRICE**” is same for two or more bidders and their bids become the lowest, the respective bidders will be given chance to submit their fresh Price Bid, subject to the condition that the fresh rate so quoted must be less than the rate quoted by the respective bidders earlier. Selection of the successful bidder will be made on the basis of the revised “**Lowest TOTAL PRICE**” thus obtained.

7. **Access to Site / Gate Pass:**

Necessary Gate Pass / Dock Entry Permit, for entering into the Dock area, will be issued to the designated representative(s) of the prospective bidders, on chargeable basis [as per the extant “Scale of Rates” of SMP, Kolkata, available at <https://smpportkolkata.shipping.gov.in> of Syama Prasad Mookerjee Port, Kolkata (Formerly Kolkata Port Trust)], to visit the site, for the purpose of inspection only, on receipt of a formal written request. The signature of such designated person(s) should be attested by the authorized signatory of the prospective bidders. Otherwise, the designated person(s) should have to submit proof of his/their identity through other means.

Such prospective bidder will be fully responsible for any injury (whether fatal or otherwise) to its designated representative(s), for any loss or damage to property, or for any other loss, damage, costs and expenses whatsoever caused, which, but for the granting of such permission, would not have arisen.

The prospective bidder will be liable to indemnify SMP, Kolkata against any loss or damage to the property of SMP, Kolkata or neighbouring property which may be caused due to any act of prospective bidder or their designated representative(s).

8. **Liquidated Damage Clause:**

If the Contractor fails to complete the work within the stipulated dates [as per Completion Period] or such extension thereof, as communicated by the ‘Engineer’, in writing, the Contractor shall pay as compensation (Liquidated Damage) to SMPK and not as a penalty, @ ½% (half percent) of the work remains unfinished (item wise price, excluding GST) as mentioned in the Letter of Acceptance of the tender/offer, for every week or part thereof the work remains unfinished. Provided always that the amount of such compensation shall not exceed 10% of the said value of work. Necessary GST, as applicable, on Liquidated Damage amount, shall also have to pay by the Contractor.

Full signature and seal of the bidder

9. Force Majeure:

In the event of either party being rendered unable by force majeure to perform any obligations required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall upon notification to the other party be suspended for that period during which Force Majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties. The term FORCE MAJEURE as employed herein shall mean acts of God, Earthquake, War, Revolt, Riot, Fire, Flood, Sabotage, Strike (excluding that of contractor's, supplier's or sub-contractor's employees) and Hurricane /Cyclone.

Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable, as aforesaid, shall notify the other party in writing immediately but not later than 48 (Forty-Eight) hrs. of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.

10. The bidder(s) shall have to give a declaration that their firm have not been banned or de-listed by any Government or Quasi-Government agencies or PSUs.

11. Syama Prasad Mookerjee Port, Kolkata reserves the right to accept or reject the offer in part or as a whole and do not bind themselves to accept the offer or to assign any reason thereof and no damage claim whatsoever will be payable by Syama Prasad Mookerjee Port. Mere issuance of enquiry document or opening of offer shall not construe that the bidder is considered automatically qualified.

12. The firm will have to submit indemnity bond for taking out the materials from HDC.

Full signature and seal of the bidder

Annexure- III

PRICE SCHEDULE

Enquiry No. **SDM(P&E) /Calibration/ BO /24/153/199 dated 26.06.2024**

Sub: Enquiry for obtaining final offer for Calibration of Measuring & Testing instruments / tools of Haldia Dock Complex, SMPK.

Preamble:

1. This 'Price Schedule' is to be read in conjunction with other terms & conditions, including 'Scope of Work',
2. The rates and amounts are to be quoted by the bidder, at the appropriate places of the 'Price Schedule'. The quoted rates [to be quoted in 'PRICE SCHEDULE' only] should include all taxes & duties of Central/ State/ Local bodies [excluding Goods and Services Tax (GST)], as applicable, travel expenses, boarding & lodging, other incidental charges, overheads & profit, etc., necessary for the complete services, as described in this 'Price Schedule' and 'Scope of Work'.
3. GST, as applicable, shall be paid extra against proper invoice.

The Successful bidder will be required to submit GST compliant invoice with all required details and also be required to file timely & proper return, so as to enable SMPK to get due credit against GST paid.

In case of any failure on the above account, GST amount, even if paid by SMPK, shall be recovered from the Successful bidder.
4. The quantities given in the 'Price Schedule' are indicative only, which may vary (both upward & downward) during execution and are given to provide a common base for submitting quotation & evaluation. However, the payment will be made on the exact quantity to be executed by the Successful Bidder.
5. The quoted prices should remain firm during the validity period of the bid / offer (including any / all extension thereof, agreed by the bidder).

The accepted rates should remain firm till completion of work. No Price escalation is admissible other than statutory increase in Taxes & Duties.

Full signature and seal of the bidder

PRICE SCHEDULE

Enquiry No. **SDM(P&E) /Calibration/ BO /24/153/199** dated **26.06.2024**

Sub: Enquiry for obtaining final offer for Calibration of Measuring & Testing instruments / tools of Haldia Dock Complex, SMPK.

LIST OF VARIOUS MEASURING & TESTING INSTRUMENTS/ TOOLS OF HALDIA DOCK COMPLEX, SMPK Annexure- III

Sl.No. (Enq)	Order Sl. No.	Sl. No. (Section wise)	HDC Section	Section I.D.No.	Instrument /Tools	Range	Rate for Calibration (in Rs.), excluding GST
1	1	(A-1) 1	FIRE UNIT, DIVISION: ADMINISTRATION	F/HDC/01	Pressure Gauge	0-40 Kg/sq.cm	
2	2	(A-1) 3		F/HDC/08	Pressure Gauge	0-21 Kg/sq.cm	
3	3	(A-1) 5		F/HDC/05-06	Pressure Gauge	0-25 Kg/sq.cm	
4	4	(A-1) 6		F/HDC/09/01	Pressure Gauge	0-28 Kg/sq.cm	
5	5	(A-1) 10		F/HDC/22A	Pressure Gauge	0-28 Kg/sq.cm	
6	6	(A-1) 11		F/ HDC/ FTP/ 16	Pressure Gauge	0-14 Kg/sq.cm	
7	7	(A-1) 12		F/ HDC/ FTP/ 17	Pressure Gauge	0-14 Kg/sq.cm	
8	8	(A-2) 1		F/ HDC/ FTP-15	Pressure Gauge	0-16 Kg/sq.cm	
9	9	(A-2) 2		F/ HDC/ FCT-9	Pressure Gauge	0-25 Kg/sq.cm	

10	10	(A-2) 4		F/ HDC/ 3/02	Pressure Gauge	0-16 Kg/sq.cm	
11	11	(A-2) 5		F/ HDC/ 14/94	Pressure Gauge	0-21 Kg/sq.cm	
12	12	(A-2) 6		F/ HDC/ FCT-10H	Pressure Gauge	0-70 Kg/sq.cm	
13	13	(A-2) 7		F/ HDC/ FCT-10	Pressure Gauge	0-21 Kg/sq.cm	
14	14	(A-2) 9		F/ HDC/ FTP-18	Pressure Gauge	0-16 Kg/sq.cm	
15	15	1	MARINE WORKSHOP, DIVISION: MARINE OPERATION	MO/MW/23	Pressure Gauge	0-280 Bar	
16	16	2		MO/MW/055B	Pressure Gauge	0-16 Bar	
17	17	3		MO/MW/056A	Pressure Gauge	0-40 Bar	
18	18	4		MO/MW/056B	Pressure Gauge	0-2 Bar	
19	19	5		MO/MW/060	Vernier Caliper	0-150 mm	
20	20	6		MO/MW/061	Pressure Gauge	0-5 Kg/sq.cm	
21	21	7		MO/MW/065	Ammeter, AC/DC	0-30A	
22	22	8		MO/MW/068	Voltmeter A.C	0-500 V	
23	23	1	PORT DIVING UNIT, DIVISION: MARINE OPERATION	MO/PD/82	Pressure Gauge	0-21 Kg/sq.cm	
24	24	2		MO/PD/082 B	Pressure Gauge	0-21 Kg/sq.cm	
25	25	3		MO/PD/084A	Pressure Gauge	0-21 Kg/sq.cm	

26	26	1	CENTRAL STORE, DIVISION: MATERIALS MANAGEMENT	HDC-7(a)	Vernier Caliper	0-150 mm	
27	27	1	LOCO SHED, DIVISION: PLANT & EQUIPMENT	P&E/L&T/098	Megger (Insulation Tester), 500V	0-100 MΩ	
28	28	2		P&E/L&T/101	Volt meter DC	0 – 150V	
29	29	3		P&E/L&T/104	DC Ammeter	(-) 5 – 0 – (+) 5A	
30	30	4		P&E/L&T/108	DC Ammeter	(-) 10 – 0 – (+) 60A	
31	31	5		P&E/L&T/109	Vernier Caliper	0-200 mm	
32	32	7		P&E/L&T/121	Pressure Gauge	0-600 Kg/sq.cm	
33	33	9		P&E/L&T/135A	DC Volt Meter	0-100 V	
34	34	10		P&E/L&T/148A	Temp. Gauge	40-105°C	
35	35	11		P&E/L&T/149B	Temp. Gauge	40-110°C	
36	36	12		P&E/L&T/156B	Pressure Gauge	0-10 Bar (Air)	
37	37	13		P&E/L&T/157A	Pressure Gauge	0-42 Kg/sq.cm	
38	38	14		P&E/L&T/158A	Pressure Gauge	0-7 Kg/sq.cm	
39	39	15		P&E/L&T/165A	Pressure Gauge (Dual)	0-10 Kg/sq.cm	
40	40	16	P&E/L&T/170	Motor operated Insulation Tester	500 Volts, DC, 0 Ohm –1000 M Ohm & Infinity.		
41	41	17	P&E/L&T/171	Hand Driven generator type Insulation Tester	500 Volts, DC, 0 Ohm –1000 M Ohm & Infinity.		

42	42	1	LOCK ENTRANCE, DIVISION: PLANT & EQUIPMENT	HDC-3	Pressure Gauge	0-3000 p.s.i	
43	43	2		HDC-3(a)	Pressure Gauge	0-210 Kg/sq.cm	
44	44	3		HDC-3B	Pressure Gauge	0-210 Kg/sq.cm	
45	45	4		HDC-3B1	Pressure Gauge	0-210 Kg/sq.cm	
46	46	5		HDC-4	Pressure Gauge	0-28 Kg/sq.cm	
47	47	6		HDC-4A	Pressure Gauge	0-210 Kg/sq.cm	
48	48	7		HDC-4A-1	Pressure Gauge	0-28 Kg/sq.cm.	
49	49	8		HDC-4B	Pressure Gauge	0-28 Kg/sq.cm	
50	50	9		HDC-4B-1	Pressure Gauge	0-28 Kg/sq.cm	
51	51	10		L&E-02	Pressure Gauge	0-28 Kg/sq.cm.	
52	52	11		P&E/LE/003	Megger	0 – 5000 MΩ, 2500V	
53	53	12		P&E/LE/006	Megger	500 Volts, DC, 0 Ohm –1000 M Ohm & Infinity.	
54	54	13		P&E/LE/008	Hand Driven generator type Insulation Tester	1000 Volts, DC, 0 –2000 M Ohm & Infinity.	
55	55	1	ORE & COAL HANDLING PLANT, DIVISION: PLANT & EQUIPMENT	P&E/OCB/04	Digital Clamp Meter	1000V, 200V, 750V, 20A, 200A, 600A, 200Ω, 20KΩ	
56	56	2		HDC-7	Vernier Caliper	0-200 mm.	
57	57	4		P&E/OCB/8	AC KV Meter	110V, 33KV/110V	
58	58	5		P&E/OCB/9	AC KV Meter	110V, 33KV/110V	

59	59	6		HDC-10	Outside Micrometer	125-150 mm.	
60	60	7		P&E/OCB/11	Motor operated Insulation Tester, (M/c no. 54371)	1000 Volts, DC, 20 M Ohm –20000 M Ohm & Infinity.	
61	61	9		P&E/OCB/17	Hand Driven generator type Insulation Tester,(M/c no. 53715)	500 Volts, DC, 0 Ohm –1000 M Ohm & Infinity.	
62	62	10		P&E/OCB/18	Hand Driven generator type Insulation Tester,(M/c no. 53719)	500 Volts, DC, 0 – 1000 M Ohm & Infinity	
63	63	11		P&E/OCB/21	Secondary Current (Relay) test set, 230 V, Single Phase, 50 Hz, M/c No. 200909428	Max. Capacity: 1500 VA	
64	64	12		P&E/OCB/24	Digital Clamp Meter [M/C no. 1502203]	AC-750 V, DC-1000 V, 400 V, 400 A, 2000 A	
65	65	13		P&E/OCB/25	Motor Checker	300 mH, 80 ohm, 500V, 0-20 M ohm & Infinity.	
66	66	14		P&E/OCB/26	Inside Micrometer	50-200 mm	
67	67	15		P&E/OCB/28	Dial Gauge	10.0 mm	
68	68	16		P&E/OCB/29	Dial Gauge,[Type J02, Reading 0.01 mm]	10.0 mm	
69	69	17		P&E/OCB/30	Digital Vernier	12"	
70	70	18		P&E/OCB/31	Dial Vernier,[Sl No. 38B050], Make: Mitutoyo.	300 mm	

71	71	New-1		P&E/OCB/34	Lux Meter 2727 Sl. no. Q 639655 Made in Taiwan	Range A : 0-1999 X 1 LUX Range B : 2000- 19990 X 10 LUX Range C : 20000- 50000 X 100 LUX	
72	72	20		P&E/OCB/35	Hand driven megger (2500v) SL.- 105497 (7/21/S CIE/444)	2500 V	
73	73	21		P&E/OCB/36	Hand driven megger (5000v) SL. -105469 (6/21/S CIE/444)	5000 V	
74	74	22		P&E/OCB/37	Hand driven megger (500v) SL. - 105437 (6/21/K CIE/444)	500 V	
75	75	23		P&E/OCB/38	Motorised megger (2500v) SL. - 105447 (6/21/S CIE/777)	2500 V	
76	76	24		P&E/OCB/39	Motorised megger (500 V) SL. 105449 (6/21/S CIE/777)	500 V	
77	77	25		P&E/OCB/40	Digital Earth tester SL. No. - 200024429	10Ω- 1000Ω	
78	78	1		CHIRANJIBPUR POWER HOUSE, DIVISION: PLANT & EQUIPMENT	M/P&E/PH/01	AC KV Meter	33KV/110V
79	79	2	M/P&E/PH/02		AC Ammeter	120A/5A	
80	80	3	M/P&E/PH/04		A.C. Ammeter	120A/5A	
81	81	4	M/P&E/PH/09		AC KV Meter	15KV/ 110V	

82	82	5		M/P&E/PH/12	Motor operated Insulation Tester	1000 Volts.	
83	83	6		M/P&E/PH/15	Hand operated Insulation Tester	2500 Volts.	
84	84	7		M/P&E/PH/16	Hand operated Insulation Tester	500 Volts.	
85	85	8		M/P&E/PH/17	Hand operated Insulation Tester	500 Volts.	
86	86	9		M(P&E)/PH/21	Secondary Current Injection Set	0-150 A, 1500 VA	
87	87	10		M(P&E)/PH/50	Heat Gauge	0-100 ° C	
88	88	11		M(P&E)/PH/51	Heat Gauge	0-100 ° C	
89	89	12		M(P&E)/PH/65	Heat Gauge	0-100 ° C	
90	90	13		M(P&E)/PH/67	Heat Gauge	0-100 ° C	
91	91	14		M(P&E)/PH/71	Heat Gauge	0-100 ° C	
92	92	15		M(P&E)/PH/72	Heat Gauge	0-100 ° C	
93	93	16		M(P&E)/PH/90	Motor Operated Insulation Tester	10,000V	
94	94	17		M(P&E)/PH/91	Electronic Lux-Meter	0-200000 Lux	
95	95	18		M(P&E)/PH/92	Hand Operated Insulation Tester	5000V	
96	96	19		M(P&E)/PH/93	Hand Operated Insulation Tester	5000V	

97	97	1	1st & 2nd OIL JETTY, DIVISION: PLANT & EQUIPMENT	P&E/2OJ/04	Voltmeter D.C.	0-200V	
98	98	2		P&E/2OJ/014	Voltmeter A.C.	110V (3.3KV/110V)	
99	99	3		P&E/2OJ/024	Digital clamp meter	1000V, 200V, 750V, 20A, 200A, 600A, 200Ω, 2KΩ.	
100	100	4		P&E/2OJ/042	Ammeter A.C.	1A (150A/ 1A)	
101	101	5		P&E/2OJ/015	Voltmeter A.C.	0-4 KV, (C.T. Ratio: 3.3 KV/110 V)	
102	102	6		P&E/2OJ	Ammeter, A.C.	0-400 A, (C.T. Ratio: 400A/5A)	
103	103	7	P&E/BW/044	Insulation Tester	500 Volts, DC, 0 Ohm -1000 M Ohm & Infinity.		
104	104	1	CENTRAL WORKSHOP, DIVISION: PLANT & EQUIPMENT	P&E/CW/01	Inside Micrometer	50-300 mm	
105	105	2		P&E/CW/02	Outside Micrometer	50-150 mm	
106	106	3		P&E/CW/03	Vernier Caliper	0-300 mm	
107	107	5		P&E/CW/06	Megger	2.5KV, 0-5000 MΩ	
108	108	6		P&E/CW/07	Motor Checker	20 MOHM, 500V, 60Ω, 300 mH.	
109	109	7		P&E/CW/08	Insulation Tester	500 Volts, DC, 0 Ohm -1000 M Ohm & Infinity.	
110	110	8		P&E/CW/09	Hand Driven generator type Insulation Tester	1000 Volts, DC, 20 M Ohm -2000 M Ohm & Infinity.	
111	111	10		P&E/CW/11	Hand Driven generator type Insulation Tester	500 Volts, DC, 0 Ohm -1000 M Ohm & Infinity.	

112	112	1	G. C. BERTH EQUIPMENT, DIVISION: PLANT & EQ UIPMENT	P&E/GCB/085	Analog Multimeter AC/DC	2.5-1000 V	
113	113	2		P&E/GCB/096	Earth Tester	0-10 Ω	
114	114	3		P&E/GCB/098	Hand operated Insulation Tester	500 Volts	
115	115	1	3RD OIL JETTY, DIVISION: PLANT & EQUIPMENT	N/A	Voltmeter (Digital)		
116	116	2		N/A	DC Voltmeter	0-30 Volt	
117	117	3		N/A	Ammeter	0-200 Ampere	
118	118	4		N/A	Ammeter	0-200 Amp.	
119	119	5		N/A	Ammeter	0-200 Amp.	
120	120	6		N/A	Ammeter	0-1250 Amp.	
121	121	7		N/A	DC Ammeter	0-10 Amp.	
122	122	8		N/A	Pressure Gauge	0-25 Kg/sq.cm	
123	123	9		N/A	Pressure Gauge	0-25 Kg/sq.cm	
124	124	10		N/A	Pressure Gauge	0-25 Kg/sq.cm	
125	125	11		N/A	Pressure Gauge	0-25 Kg/sq.cm	
126	126	12		N/A	Pressure Gauge	0-25 Kg/sq.cm	
127	127	13		N/A	Pressure Gauge	0-25 Kg/sq.cm	
128	128	14		N/A	Pressure Gauge	0-25 Kg/sq.cm	

129	129	15		N/A	Pressure Gauge	0-25 Kg/sq.cm
130	130	16		N/A	Lux Meter (Metrix LX 101+)	0-200000 Lux
131	131	17		P&E/20J/024	Digital Clamp Meter	
132	132	18		P&E/BW/044	Insulation Tester	1000 M.ohm
133	133	1	TOWNSHIP ELECT. MAINT., DIVISION: PLANT & EQUIPMENT	P&E/TSEM/06	Digital Clamp Meter	1000V DC, 200V AC, 20A, 200A, 600A AC, 200Ω, 20KΩ
134	134	2		P&E/TSEM/07	Relay Test Set.	110V, 125V, 250V AC, 500V (250V MAX) AC, 15A, 30A.
135	135	3		P&E/TSEM/13	AC Volt Meter	150V, 300V, 450V, 600V.
136	136	4		HDC-14	AC Ammeter	0-6A
137	137	8		P&E/TSEM/16	AC Ammeter	0-6A
138	138	10		P&E/TSEM/17	Sound Level Meter	30-80dB, 50-100dB & 80-130dB
139	139	11		P&E/TSEM/18	Analog Multimeter	2.5V, 10V, 25V, 100V, 250V, 500V, 1000V DC, 2.5V – 1000V AC, 50mA – 10A DC, 100mA – 10A AC, 1KΩ – 1MΩ
140	140	12		P&E/TSEM/22	Motorized Insulation Tester, Make: CIE, Model: CIE/777, Sl. No: 30503	1000/ 2500 Volt DC: 10 – 10000 M Ohm/ 25-25000 MOhm & Infinity.

141	141	New-1	CENTRAL GARAGE & WORKSHOP, DIVISION: PLANT & EQUIPMENT	P&E/CGW/01	Air Receiver, Pressure vessel Make-Elgi Sl. no. 57995 Horizontal type Mfg. year-1982	Maximum permissible working pressure : 12 kgf/cm ² g	
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Total Amount (in Rs) , excluding GST =							
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Amount (in words) [excluding GST]	:	
Rate of applicable GST (%)	:	
Total Amount (in Rs), including GST	:	

Full signature and seal of the bidder