

Tender for Operations and maintenance

Information

RFx number:	7000009321
Publication:	Public RFx
Version:	1
RFx Name:	BATTERY & BATTERY CHARGER (3RD CALL)
Tender Subject:	WORK OF ANNUAL MAINTENANCE CONTRACT FOR BATTERY SETS AND BATTERY CHARGERS AT 400/220KV WARORA S/S
Bid Submission:	15.07.2018
Funded By:	
Tender Fee Inc. GST:	525.00 ₹
Estimated Cost:	200,000.00 ₹
Basis of Prices:	
Percent Based Bid:	No
EMD Cost:	5,000.00 ₹
Tech Bid Open:	16.07.2018 11:00:00
Price Bid Open:	16.07.2018 15:00:00
Contact Person:	EE-8554993188 AND DYEE-8554993202

Additional Requested Information:

- a)#Average Annual financial turnover certified by Chartered Accountant (CA), during the last 03 years duly tallied with Profit & Loss Account of Correspondence years, ending 31st March of the previous financial year, should be at least 50 % of the estimat
- b)#Experience of having successfully completed similar works amounting to 60% of estimated cost in maximum of 3 orders during last 05 years ending last day of month previous to the one in which applications are invited.
- c)#Proof of Goods & Service Tax Registration (GSTIN Registration) if applicable
- d)#Copy of PAN card.
- e)#Valid insurance of Labour / ESIC
- f)#Valid Electrical Contractor's license
- g)#Proof of Registration of Firm under Bombay shop & Establishment Act / Copy of SSI Certificate (if applicable).
- h)#Proof of Registration under Provident fund Act with challan paid for any of the last 06 months (If applicable)
- i)#Income Tax Returns of last any 03 years (2015-16/2016-17/2017-18) and audited Balance sheet and Profit & Loss Account.
- j)#Proof of Online Payments towards cost of Tender Document (Tender Fee) & E.M.D. ##Firm/Bidder has to pay EMD irrespective of SRM System asks for the same or not in following cases:
- k)#Valid solvency certificate equivalent to an amount not less than 25 % of the estimated cost of works from scheduled / nationalized bank
- l)#The Annexure 'T' duly filled in must be submitted (in Soft Copy) with qualifying bid
- m)#Detail list of T&P for work execution
- n)#Proof of Professional Tax Registration Certificate

Attachments:

- TENDER DETAIL - E-TENDER (3RD CALL)

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RFX Details:

(*Amount in ₹)

Item	Item category Product no.	HSN/SA C No.	Description	Qty	Unit Rate	Amount
1	Outline	995400	AMC FOR BATTERY SET & CHARGERS	1.000 AU	--	100893.66
1.AA	Service 50005351	995461	Charge/Discharge Cycle 220V 500Ah Battry	2.000 EA	12328.64	24657.28
1.AB	Service 50005352	995461	Charge/Discharge Cycle 48V 1000Ah Battry	1.000 EA	10566.90	10566.90
1.AC	Service 50003900	995469	Maintenance of 220V 500Ah Battery Set	8.000 EA	2052.17	16417.36
1.AD	Service 50003902	995469	Maintenance of 48V Battery Charger	4.000 EA	2052.17	8208.68
1.AE	Service 50010680	995400	AMC of 220V Battery Charger	8.000 EA	2052.17	16417.36
1.AF	Service 50009937	995400	Servicing of 48V Battery Charger	4.000 EA	2052.17	8208.68
1.AG	Service 50012246	995400	Emergency attending of Charger	4.000 EA	4104.35	16417.40
2	Material 500005890	74092100	Lead Coated Cu Intercell Connector Lead coated Cu intercell connectors	1.000 EA	121.00	121.00
3	Material 500000100	74092900	U Type Connecting Plate U TYPE CONNECTING PLATE	1.000 EA	146.00	146.00
4	Material 500001368	85079090	220V DC Battery Float Level Indicator 220 V DC BATTERY FLOAT LEVEL INDICATOR	1.000 EA	91.00	91.00
5	Material 500001369	85079090	220V DC Battery Vent Plug 220 V DC BATTERY VENT PLUG	1.000 EA	91.00	91.00
6	Material 500004318	28070010	Electrolyte for Battery Electrolyte of Specific Gravity 1.19	1.000 L	34.00	34.00
7	Material 500001360	90258010	DC Battery Hydrometer DC BATTERY HYDROMETER	1.000 EA	185.00	185.00
8	Material 500006270	73181500	Nut Bolt & Washer Set (Lead Coated) Nut bolt & washer set-lead coated non-corrosive alloy'20' suitable for 48V/1000AH BATTERY SET	1.000 EA	84.00	84.00
9	Material 500015643	85362020	24V BC I/p ON 3P 40A On-Off KS 100R MCCB 24V BC Input ON 3P 40A ON/OFF KS 100R MCCB	1.000 EA	4853.00	4853.00
10	Material 500015631	85362020	24V BC I/p 25A 415V AC Contactor 24V BC Input 25A 415V AC Contactor	1.000 EA	1456.00	1456.00

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Item	Item category Product no.	HSN/SA C No.	Description	Qty	Unit Rate	Amount
11	Material 500005052	85364900	3 C/O 240 V AC Relay 3 C/O 240 V AC Relay	1.000 EA	243.00	243.00
12	Material 500014252	85365010	Battery Charger DC Contactor Battery Charger DC Contactor	1.000 EA	9100.00	9100.00
13	Material 500005049	85365090	2P 25A 4 Way AC Switch 2 Pole 4 Way Switch - 25 A AC	1.000 EA	303.00	303.00
14	Material 500005050	85365090	2P 25A 4 Way DC Switch 2 Pole 4 Way Switch - 25 A DC	1.000 EA	303.00	303.00
15	Material 500005673	85365090	2P 40A 4 Ways ON-OFF AC Switch 2P 40A 4 Ways ON-OFF AC Switch	1.000 EA	91.00	91.00
16	Material 500005051	85365090	2P 32-40 A 4 Ways DC Switch 2 Pole 32-40 A 4 Ways DC Switch	1.000 EA	91.00	91.00
17	Material 500005056	85365090	4P 25A 4 Way DC Switch 4 Pole 4 Way Switch - 25 A DC	1.000 EA	91.00	91.00
18	Material 500005057	85365090	4P 50A 4 Way DC Switch 4 Pole 4 Way Switch - 50 A DC	1.000 EA	91.00	91.00
19	Material 500005061	90303310	Charge-Discharg Ammeter Ass wt Shunt Charge-Discharg Ammeter Asmbly w/t shunt	1.000 EA	2013.00	2013.00
20	Material 500005675	85361050	2-20 A Fuse Link FUSE LINK 2 TO 20 AMPS	1.000 EA	91.00	91.00
21	Material 500005067	85361050	20-40 A Semi-conductor Fuse (GSA) Semiconductor Fuse GSA 20-40	1.000 EA	91.00	91.00
22	Material 500005066	85361050	10-30 A Semi-conductor Fuse (GSA) Semiconductor Fuse GSA 10-30	1.000 EA	91.00	91.00
23	Material 500005070	85361090	Trip Indicator Fuse Trip Indicator Fuses	1.000 EA	91.00	91.00
24	Material 500004643	85365090	2P 440V 16A ON-OFF Switch SWITCH 2 POLE ON-OFF 440V 16A	1.000 EA	425.00	425.00
25	Material 500005059	85365090	440V 10A Voltmeter Selector Switch Voltmeter Selector Switch	1.000 EA	303.00	303.00
26	Material 500018524	85362020	220V Bat Char DC Ammeter Selector Switch 220V DC Battery Charger DC Ammeter Selector Switch	1.000 EA	303.00	303.00
27	Material 500005060	85365090	12A Auto / Manual Selector Switch Auto / Manual Selector Switch	1.000 EA	473.00	473.00
28	Material 500005065	85389000	1NO+1NC 6A Push Button Push Button 1 NO / 1 NC	1.000 EA	84.00	84.00
29	Material 500005677	90303310	10-0-10 mA DC Milliammeter (S-96) DC MILLIAMMETER S-96 10-0-10MA	1.000 EA	1500.00	1500.00
30	Material 500004661	85411000	100A 600 PIV Battery Tap Diode 100A 600 PIV Battery Tap Diode	1.000 EA	250.00	250.00

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Item	Item category Product no.	HSN/SA C No.	Description	Qty	Unit Rate	Amount
31	Material 500005071	85332921	100E to 3k 10-50W Wow Resistor Wow Resistor 100E to 3k 10 W-50W	1.000 EA	50.00	50.00
32	Material 500004652	85333110	1-10 k 3W Potentiometer	1.000 EA	150.00	150.00
33	Material 500004653	90303310	0-500V AC Voltmeter (S-96) 0-500 V AC Voltmeter (S-96)	1.000 EA	1250.00	1250.00
34	Material 500019258	90303310	40-80V DC Analog Voltmeter 40-80V DC Analog Voltmeter (S-144)	1.000 EA	1398.00	1398.00
35	Material 500004656	90303310	0-50 A DC Ammeter (S-96) DC AMMETER S-96 0-50Amp	1.000 EA	1398.00	1398.00
36	Material 500006802	85332129	DC Shunt (50A/75MV)	1.000 EA	56.00	56.00
37	Material 500004658	85411000	600 PIV 20A Diode DIODE FOR 110V & 220V CHARGER 20A 600PIV	1.000 EA	84.00	84.00
38	Material 500001425	85411000	48V Battery Charging Thyristor/Diode 48 V BATTERY CHARGING THYRISTOR/DIODE	1.000 EA	2796.00	2796.00
39	Material 500001423	85362020	48V Battery Charging Contactor 48 V BATTERY CHARGING CONTACTORS	1.000 EA	112.00	112.00
40	Material 500004660	85411000	50A 600 PIV Blocker Diode 50A 600 PIV Blocker Diode	1.000 EA	1566.00	1566.00
41	Material 500013710	85413010	48V Battery Charger SCR 48V Battery Charger SCR	1.000 EA	3132.00	3132.00
42	Material 500013712	85413010	220V Battery Charger SCR 220V Battery Charger SCR	1.000 EA	1790.00	1790.00
43	Material 500006469	90328910	1 Electronic Main Controller Main Controller 1 phase - Electronic	1.000 EA	112.00	112.00
44	Material 500004665	85322500	5000µF 100V Filter Capacitor 5000µF 100V Filter Capacitor for 48kV Charger	1.000 EA	280.00	280.00
45	Material 500004666	85322500	2500µF 200V Filter Capacitor 2500µF 200V Filter Capacitor for 110V Charger	1.000 EA	280.00	280.00
46	Material 500004667	85322500	2000µF 450V Filter Capacitor 2000µF 450V Filter Capacitor	1.000 EA	280.00	280.00
47	Material 500006467	85411000	110 V Charger Diode Diode for 48 V / 110 V / 220 V Charger	1.000 EA	11.00	11.00
48	Material 500004675	85049090	3 Full Controlled SCR Controller 3PH.FULL CONTROLLED SCR CONTROLLER	1.000 EA	13422.00	13422.00

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Item	Item category Product no.	HSN/SA C No.	Description	Qty	Unit Rate	Amount
49	Material 500004678	90328910	3 H&F Controller Synchronising Card SYNCHRONISING CARD FOR 3 PHASE HALF & FULL CONTROLLER	1.000 EA	2684.00	2684.00
50	Material 500005053	85043200	2A 3 Dimmerstat 2 A 3 Phase Dimmerstat	1.000 EA	56.00	56.00
51	Material 500005054	85043200	4A 3 Dimmerstat 4 A 3 Phase Dimmerstat	1.000 EA	56.00	56.00
52	Material 500017498	85044030	220V 200A Charger Float Mode T/f 220V 200A Charger Float Mode Transformer	1.000 EA	10626.00	10626.00
53	Material 500017503	85043200	220V 300A Charger Boost Mode T/f 220V 300A Charger Boost Mode Transformer	1.000 EA	12863.00	12863.00
54	Material 500006479	85312000	30mA Unfusible LED Indicator 30mA Unfusible LED Indicator as lamp	1.000 EA	376.00	376.00
55	Material 500006480	85049090	CP Controller[Motor Variac Ctrl Charger] CP Controller for motorized variac controlled charger	1.000 EA	56.00	56.00
56	Material 500005068	85043200	2A 1 Dimmerstat Comp. Assy 2 A Single Phase Dimmerstat complete Assembly	1.000 EA	56.00	56.00
57	Material 500005069	85043200	4A 1 Dimmerstat Comp. Assy 4 A Single Phase Dimmerstat complete Assembly	1.000 EA	56.00	56.00
58	Material 500020067	74082990	220V Battery Charger Control Wiring Set 220V Battery Charger Control Wiring Set	1.000 EA	1820.00	1820.00
59	Material 500020081	74082990	48V Battery Charger Control Wiring Set 48V Battery Charger Control Wiring Set	1.000 EA	1820.00	1820.00
60	Material 500020068	74082990	220V Battery Charger Power Wiring Set 220V Battery Charger Power Wiring Set	1.000 EA	243.00	243.00
61	Material 500020082	74082990	48V Battery Charger Power Wiring Set 48V Battery Charger Power Wiring Set	1.000 EA	243.00	243.00

(*Unit Rate mentioned is inclusive of all taxes)

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Annexure - I

(* NR is for Invalid Condition)

Item	Product No.	HSN/SAC	GST App. in %	Item type	Conditions*
1		995400	18.00	E	
1.AA	50005351	995461	18.00	E	EXW,
1.AB	50005352	995461	18.00	E	EXW,
1.AC	50003900	995469	18.00	E	EXW,
1.AD	50003902	995469	18.00	E	EXW,
1.AE	50010680	995400	18.00	E	EXW,
1.AF	50009937	995400	18.00	E	EXW,
1.AG	50012246	995400	18.00	E	EXW,
2	500005890	74092100	28.00	S	EXW,
3	500000100	74092900	28.00	S	EXW,
4	500001368	85079090	28.00	S	EXW,
5	500001369	85079090	28.00	S	EXW,
6	500004318	28070010	18.00	S	EXW,
7	500001360	90258010	18.00	S	EXW,
8	500006270	73181500	18.00	S	EXW,
9	500015643	85362020	28.00	S	EXW,
10	500015631	85362020	28.00	S	EXW,
11	500005052	85364900	28.00	S	EXW,
12	500014252	85365010	28.00	S	EXW,
13	500005049	85365090	28.00	S	EXW,
14	500005050	85365090	28.00	S	EXW,
15	500005673	85365090	28.00	S	EXW,
16	500005051	85365090	28.00	S	EXW,
17	500005056	85365090	28.00	S	EXW,
18	500005057	85365090	28.00	S	EXW,
19	500005061	90303310	18.00	S	EXW,
20	500005675	85361050	28.00	S	EXW,
21	500005067	85361050	28.00	S	EXW,
22	500005066	85361050	28.00	S	EXW,
23	500005070	85361090	28.00	S	EXW,
24	500004643	85365090	28.00	S	EXW,
25	500005059	85365090	28.00	S	EXW,
26	500018524	85362020	28.00	S	EXW,
27	500005060	85365090	28.00	S	EXW,
28	500005065	85389000	18.00	S	EXW,

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Item	Product No.	HSN/SAC	GST App. in %	Item type	Conditions*
29	500005677	90303310	18.00	S	EXW,
30	500004661	85411000	18.00	S	EXW,
31	500005071	85332921	18.00	S	EXW,
32	500004652	85333110	18.00	S	EXW,
33	500004653	90303310	18.00	S	EXW,
34	500019258	90303310	18.00	S	EXW,
35	500004656	90303310	18.00	S	EXW,
36	500006802	85332129	18.00	S	EXW,
37	500004658	85411000	18.00	S	EXW,
38	500001425	85411000	18.00	S	EXW,
39	500001423	85362020	18.00	S	EXW,
40	500004660	85411000	18.00	S	EXW,
41	500013710	85413010	18.00	S	EXW,
42	500013712	85413010	18.00	S	EXW,
43	500006469	90328910	18.00	S	EXW,
44	500004665	85322500	18.00	S	EXW,
45	500004666	85322500	18.00	S	EXW,
46	500004667	85322500	18.00	S	EXW,
47	500006467	85411000	18.00	S	EXW,
48	500004675	85049090	18.00	S	EXW,
49	500004678	90328910	18.00	S	EXW,
50	500005053	85043200	18.00	S	EXW,
51	500005054	85043200	18.00	S	EXW,
52	500017498	85044030	18.00	S	EXW,
53	500017503	85043200	18.00	S	EXW,
54	500006479	85312000	28.00	S	EXW,
55	500006480	85049090	18.00	S	EXW,
56	500005068	85043200	18.00	S	EXW,
57	500005069	85043200	18.00	S	EXW,
58	500020067	74082990	28.00	S	EXW,
59	500020081	74082990	28.00	S	EXW,
60	500020068	74082990	28.00	S	EXW,
61	500020082	74082990	28.00	S	EXW,

(* PFQ -> Packing and Forwarding Per Quantity FRQ-> Freight Per Quantity FR%-> Freight in Percentage,
 EXW ->Ex-Works (Basic Price), PFP-> Packing and Forwarding in Percentage, INQ-> Insurance Per Quantity,
 INP -> Insurance in Percentage, DISCQ-> Discount Per Quantity, DISCP->Discount in Percentage)