



Ref. Enquiry No.: PE/PG/PK1/E-6343/2019, Dated 11.12.2019

DUE DATE
23 DEC 2019
BY 02:00 PM

Dear Ma'm/Sir,

Subject: Open (Global) tender Enquiry for "DC LEAD ACID / Ni-Cd BATTERIES" as per Technical Specification No. PE-TS-426-508-E001 REV.00 for 1x 660 MW UPRVUNL Panki TPS Ext.

BHEL invites your offers for design, manufacture, testing and inspection at manufacturer's works, packing, supervision of E & C, Mandatory Spares and delivery at site for **1x 660 MW UPRVUNL Panki TPS Ext.** as specified/ defined as per tender technical specification PE-TS-426-508-E001, Rev 00, amendment & agreements till placement of order for **DC LEAD ACID / Ni-Cd BATTERIES**.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC Rev. 06, in sealed cover for the under mentioned equipment/system.

Item Description – DC LEAD ACID / Ni-Cd BATTERIES			
Sl. No.	Project	TECHNICAL SPECIFICATION NO.	Delivery
1	1x 660 MW UPRVUNL Panki TPS Ext.	PE-TS-426-508-E001 REV.00	As per Annexure – I to NIT

Your best quotation/offer for the above requirement, in line with our terms and conditions, should be submitted **online via e-procurement system**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 02:00 PM**. Part-I bids shall be opened at **03:00 PM**. on the due date.

Note: 1. Detailed tender documents have been uploaded at the following websites: -

www.eprocure.gov.in, <https://bhel.abcpocure.com>, www.bhel.com & <https://www.bhelpem.com>

Bidders are requested to upload their best offer on <https://bhel.abcpocure.com> only.

2. In case bidders are not interested to quote, please send us the regret by mail or letter.

ENQUIRY TERMS AND CONDITIONS:

Please refer GCC Rev-06 which is available on <https://www.bhelpem.com>. GST related corrigendum to GCC Rev06 is enclosed and same is to be considered along with GCC Rev06. Bidders are requested to go through the same while submitting the offer.

1. Offers should be submitted separately in two parts **online through e-procurement system** as follows:

Part-I: TECHNO-COMMERCIAL BID Part-II: PRICE BID

For detailed instructions, please see clause no. 1.0 & 2.0 of "Instructions to Bidders (Vol-I, GCC Rev. 06)".

2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in GCC, Rev. 06 and other Terms and Conditions included in this Enquiry Letter.

3. Bidders to note that following form the part of tender documents:

- General Conditions of Contract (GCC) Rev 06 comprising of: Instructions to Bidders and General Commercial Terms & Conditions and GST related corrigendum to GCC Rev06
- Technical Specifications
- Technical PQR
- Price format & Special Conditions of Contract (SCC Rev 01).
- Enquiry terms & conditions
- BHEL conciliation scheme 2018

4. Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.

Sanjay Kumar Dubey/DGM/PGIII
PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
(OFF) +91-120-4213635, (MOB.) +91 8800377855

Regd. Office
BHEL House Siri Fort
New Delhi-110049

(Signature)
11/12/19

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5. Tenders shall be submitted strictly in accordance with the requirements of the above mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II of GCC Rev-06 (to be read in conjunction with GST related corrigendum to GCC Rev06) along with reasons for taking such deviations. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in "Notes" of Annexure-II to GCC Rev.06 along with GST related corrigendum to GCC Rev06.
6. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS as per General Conditions of Contracts (GCC, Rev.06), Special Conditions of Contract and Notice Inviting Tender (NIT)" **in case of no deviations.**
7. If any bidder has mentioned the term Not Applicable / not required / not quoted in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by Vendor.
8. Unsolicited fresh/revised price bids shall not be entertained.
9. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
10. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser's/Owner's inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
11. Offers should be submitted separately in two parts **online through e-procurement system only**, however, all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

SHAMIK GUPTA, Dy. Engr, PG-III M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: shamikgupta@bhel.in Ph. No. +91-120-4368949; Mob: 9716336332	Rahul Bhatnagar/Dy. Mgr, PG-III M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: rahulbhatnagar@bhel.in Ph. No. +91-120-4368727, Mob: 9654499304
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12. **Risk and Cost Purchase clause:** - 5% overhead charges to be considered instead of 30% (presently in GCC Rev 06 clause no 26.2(b)).
13. BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price



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& envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)."

Link for RA guidelines to be followed as:
http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf.

14. IMPORTANT INSTRUCTION TO BIDDERS IN CASE OF REVERSE AUCTION

The Bidders has to quote the Single Price (i.e. **Total Cost to BHEL i.e. Grand total FOR site excluding GST**) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, Freight charges, Insurance charges (if applicable), Cost of withdrawal (if any), including loading (if any), De-loading (if any) shall be done in line with NIT terms.

15. CIF is available for this package (bidders to quote CIF content as per annexure -A to NIT)

16. The Variation on overall package value due to changes in the scope shall be +/-5% of contract value (Ex-works) which will prevail over the quantity variation clause no.6.0 indicated in the GCC rev 06.

17. Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure, or overwriting shall be valid only if they are attested under full signature (s) under of person (s) signing the bid else bid shall be liable or rejection.

18. For this procurement, Public Procurement (preference to make in India), order 2017, Dt:- 15.06.17, 28.05.18 & 29.05.19 and subsequent orders issued by the respective nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any nodal ministry prescribing higher or lower percentage of purchase preference and / or local content in respect of this procurement, same shall be applicable. Vendors are requested to go through the above mentioned orders and confirm the following: -

- The local supplier at the time of tender, bidding, solicitation, shall be required to provide self-certification that the item offered meets the minimum local content as per above mentioned orders and shall give details of location(s) at which the local value addition is made.
- Subject package is not divisible in nature, purchase preference shall be 20% and minimum local content is 74%

19. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/RA participation shall be subject to following condition: -

- A) Techno-commercial qualification/recommendation of bidder by the BHEL-PEM.
- B) Customer (UPRVUNL/NTPC) approval. Same shall be taken up by us with customer based on the credentials/reference list.

20. The bidders (who are not registered with BHEL-PEM) -Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at www.bhelpem.com → vendor section → Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. However, registration of suppliers is not mandatory in case of open tender.

21. Any corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.bhelpem.com., www.bhel.com & <https://bhel.abcpocure.com>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain

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required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal are also listed below:

Name	Contact Nos.	e-mail ID	Role	Location
Mukunthan	+91 6353215001	Trichy.bhel@eptl.in	Support Executive	Trichy
Tej Singh	+91 6353215002	Bhopal.bhel@eptl.in	Support Executive	Bhopal
Sanjeev Kumar	+91 6353215003	Jhansi.bhel@eptl.in	Support Executive	Jhansi
Gaurav Panwar	+91 6353215004	Haridwar.bhel@eptl.in	Support Executive	Haridwar
Mallikarjun	+91 6353215005	Bengaluru.bhel@eptl.in	Support Executive	Bangalore
Avinash Govu	+91 6353215007	Hyderabad.bhel@eptl.in	Support Executive	Hyderabad
Swapnil Hamilton	+91 7940270549	swapnil.h@eptl.in	Support Executive	HO – Ahmedabad
Hardik Oza	+91 7940270560	Hardik.oza@eptl.in	Support Executive	HO – Ahmedabad
Ankur Bhatt	+91 7940270590	ankur.bhatt@eptl.in	Support Executive	HO – Ahmedabad
Prashant Rajyaguru	+91 7940270545	prashant@eptl.in	Asst. Manager – Implementation & Support	HO – Ahmedabad
Dharam Rathod	+91 7940270596	dharam@eptl.in	Manager – Implementation & Support	HO – Ahmedabad
Pradip Parmar	+91 7940270532	pradip@eptl.in	Sr. Mgr – Implementation & Support	HO – Ahmedabad
Devang Patel	+91 7940270576	devang@eptl.in	Sr Manager – Implementation & Support	HO – Ahmedabad

22. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-procurement, in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch. Prices are to be filled /uploaded in price bid bidding form only, price bid (in pdf, excel etc.) (if any) uploaded anywhere in the portal against subject tender shall not be considered.
23. Evaluation will be done on overall L1 (Total cost to BHEL i.e. FOR site basis excluding GST) basis with necessary loading as applicable. GST shall not be considered in evaluation, however, indigenous bidder has to mandatorily quote the freight in terms of percentage of Ex-works. Incomplete offer or part offer of NIT BOM/BOQ shall be summarily rejected.
24. Bidders has to mandatorily quote the prices of electrolyte in price bid and in case it has been found that prices of electrolyte have not been quoted separately, electrolyte percentage shall be considered as 2% w.r.t total ex works of main supply price for ordering.
25. The offers of the bidders who are on the banned list and also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website <http://www.bhel.com>.
26. Foreign bidders will have to quote C & F (cost & freight) basis instead of FOB. For importing materials on C&F basis, bidders to note following:
 - a. As per Incoterms (CFR), risk transfers to buyer when the goods have been loaded on board the ship in the country of Export. Hence, shipped on board date mentioned on the clean Bill of Lading or Air way Bill, shall be treated as the date of Shipment/ Dispatch for all contractual purposes including calculation of LD.
 - b. Usance period (90 days) of the L/C shall start from the date of Bill of lading/Air Way Bill.



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- c. Bill of Lading shall be considered as equivalent document (refer clause 9.7.1 b of GCC rev-06) for recognition of dispatch
 - d. For claiming payment under clause 9.1.1 and 9.2.1, Bill of lading shall be considered instead of receipted LR (refer clause 9.7.2 b of GCC rev-06)
 - e. Freight is to be quoted as inclusive in basic price by vendor and is not to be quoted separately.
 - f. Insurance for evaluation purposes shall be @ 0.1 % of quoted C&F price.
 - g. There will be no change in MRC payment
27. Foreign Suppliers & Indian agents of foreign suppliers: - Please refer our website <https://www.bhelpem.com/gcc.aspx> for details.
28. Bidder to note model conciliation scheme 2018 shall be part of NIT.
29. MSME/Start-up Vendors to submit applicable documents along with their offers for availing the benefits as per GOI guidelines. Further PEM is already registered with RXIL (TReDS) Platform. You are requested to get registered with RXIL (TReDS) Platform to avail the facility as per GOI guidelines”.
30. The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
31. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -
- Acceptance of GCC Rev-06 and GST related corrigenda to GCC Rev 06
 - Acceptance of Special Conditions of Contract (SCC Rev 01) for the project.
 - Technical & Commercial Deviations, if any along with Cost of withdrawal.
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
 - Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row.

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

Note: Wherever GCC Rev 06 is mentioned same is to be read in conjunction with GST related corrigendum to GCC Rev06.

Thanking You

Yours faithfully,

For and on behalf of BHEL

Rahul Bhatnagar

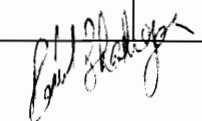
(Dy. Mgr/PG-III/BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-426-508-E001 Rev00
2. Technical PQR
3. SCC Rev 01
4. CIF content (Annexure A)
5. Delivery Schedule (Annexure -I)
6. GST related corrigendum to GCC Rev 06
7. BG Format
8. BHEL conciliation scheme 2018

ANNEXURE - I TO NIT NO. PW/PE/PG/PKI/E-6343/19, Dt:- 11.12.19
PROJECT:-1X 660 MW PANKI TPS
PACAKGE:- DC LEAD ACID/Ni Cd BATTERIES

Sl. No.	BHEL Drawing No	Drawing Title	Primary/ Secondary	BHEL Inputs	Drg Sch for Vendors	Standard Delivery Terms for Supply Portion	Standard Delivery Terms for Serive Portion
1	PE-V0-426-508-E102	GA AND BATTERY ROOM LAYOUT OF BATTERY BANK	Primary	Battrey Room Layout will be provided by BHEL within 07 days of PO Placement	R-0 within 14 days from BHEL input & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	Note : Delivery applicable for both the purchase orders pertaining to Main Supply of battery along with accessories and BHMS.	Supervision of commissioning by supplier : Vendor to depute its service engineer for respective site activity within 15 days from BHEL's intimation (for deputing service engineer) for such site activity.
2	PE-V0-426-508-E101	TDS FOR BATTERY	Primary		R-0 within 14 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	Within Six (06) months from date of CAT-1 approval of Primary drawing/documents, subjected to drawing/document submission/re-submission schedule as stipulated, in case of any delay in submission/re-submission of Primary drawing/documents, then same shall be reduced from the given delivery period. Delay in BHEL's comments/approval beyond 18 days shall also be considered for delay analysis.	For delay in deputing service engineer, LD on site activities portion shall be applicable @ ½% of the total site activities portion contract value (excluding element of taxes) per week or part thereof, with applicable GST. However, total LD (supply + site activities) shall be limited to 10% of cumulative total contract value excluding taxes and freight (supply + site activities).
3	PE-V0-426-508-E103	BATTERY SIZING CALCULATION, FAULT CALCULATION AND CONNECTOR SIZING CALCULATION	Primary				
4	PE-V0-426-508-E104	BILL OF MATERIAL FOR BATTERY	Primary				
5	PE-V0-426-508-E108	LIST OF MANDATORY SPARES FOR BATTERY	Primary (for MS)	MS shall be Treated as Separate Item. Not to be Linked with Battery Manufacturing.			
6	PE-V0-426-508-E902	QUALITY PLAN FOR BATTERY	Primary				
7	PE-V0-426-508-E113	GA, SCHEMATICS/CIRCUIT DIAGRAM AND BOM FOR BHMS	Primary(for BHMS)	BHMS shall be Treated as Separate Item. Not to be Linked with Battery Manufacturing.			
8	PE-V0-426-508-E114	QUALITY PLAN FOR BHMS	Primary(for BHMS)		R-0 within 30 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	For Electrolyte - Within Thirty (30) days from the date of BHEL clearance. Clearance may be issued by BHEL lot-wise/unit- wise(s)/phase-wise.	
9	PE-V0-426-508-E105	FIELD QUALITY PLAN PLAN FOR BATTERY	Secondary				
10	PE-V0-426-508-E106	LIST OF E & C SPARES FOR BATTERY	Secondary				
11	PE-V0-426-508-E107	LIST OF O&M SPARES FOR BATTERY	Secondary				
12	PE-V0-426-508-E110	TYPE TEST REPORT FOR BATTERY	Secondary				
13	PE-V0-426-508-E111	CABLE TERMINATION ARRANGEMENT FOR BATTERY	Secondary		within 30 days of issuance of MDCC		
14	PE-V0-426-508-E109	O & M MANUAL FOR BATTERY	Secondary				



ANNEXURE - A TO NIT NO. PW/PE/PG/PKI/E-6343/19, Dt:- 11.12.19

PROJECT:-1X 660 MW PANKI TPS

PACAKGE:- DC LEAD ACID/Ni Cd BATTERIES

CIF CONTENT

Sl No.	Description	CURRENCY	RATE OF CUSTOM DUTY	SOURCE OF SUPPLY	TOTAL CIF CONTENT
1.0	List of CIF content (if any)				

(Signature)
(11/12/19)

S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
1.01	508-14001-A	220V DC, AH capacity to be decided by bidder as per Annexure-I of Section-I, 1.85 ECV, 107 cells, Lead-Acid plane High discharge type battery with all accessories listed as 1.1 below.	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	8507
1.02	508-14001-A	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	2807
1.03	508-14001-A	Seasoned teakwood battery rack properly treated for anti-sulphuric acid resistance coated with three coats of anti-acid paint for 220V battery bank	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	4415
1.04	508-14001-A	Porcelain/ hard rubber/ PVC pads insulators / high impact plastic insulators , rubber pad etc for rack plus 5 % extra	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	lot	2	4415
1.05	508-14001-A	Intercell, inter row , inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	lot	2	8507
1.06	508-14001-A	Cell numbering tags with fixing arrangement (1set)	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	3919
1.07	508-14001-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	lot	2	8507
1.11	508-14001-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	9025
1.12	508-14001-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	2	9030
1.13	508-14001-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	9025
1.14	508-14001-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	9025
1.15	508-14001-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	4901
1.16	508-14001-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	2	4015
1.17	508-14001-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Pair	2	4015
1.18	508-14001-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	2	8204
1.19	508-14001-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	2	3926
1.110	508-14001-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	2	9003
1.111	508-14001-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	10	4901
1.112	508-14001-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	9025
1.113	508-14001-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY MAIN PLANT	Nos	1	3924
1.2	508-14007-A	Battery Health Monitoring System (one for each set of battery)	Battery Health Monitoring System (one for each set of battery)	220V BATTERY MAIN PLANT	Nos	2	8543
2.01	508-14002-A	220V DC, AH capacity to be decided by Bidder as per Annexure-I of Section-I, 1.85 ECV, 107 cells, Lead-Acid plane High discharge type battery with all accessories listed as 2.1 below.	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	8507
2.02	508-14002-A	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	2807
2.03	508-14002-A	Seasoned teakwood battery rack properly treated for anti-sulphuric acid resistance coated with three coats of anti-acid paint for 220V battery bank	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	4415
2.04	508-14002-A	Porcelain/ hard rubber/ PVC pads insulators / high impact plastic insulators , rubber pad etc for rack plus 5 % extra	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	lot	2	4415
2.05	508-14002-A	Intercell, inter row , inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	lot	2	8507
2.06	508-14002-A	Cell numbering tags with fixing arrangement (1set)	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	3919
2.07	508-14002-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	lot	2	8507
2.11	508-14002-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY RWPH	Nos	1	9025
2.12	508-14002-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY RWPH	Nos	2	9030
2.13	508-14002-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY RWPH	Nos	1	9025
2.14	508-14002-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery, separately)	220V BATTERY RWPH	Nos	1	9025

S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
2.1.5	508-14002-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	1	4901
2.1.6	508-14002-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	2	4015
2.1.7	508-14002-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Pair	2	4015
2.1.8	508-14002-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	2	8204
2.1.9	508-14002-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	2	3926
2.1.10	508-14002-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	2	9003
2.1.11	508-14002-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	10	4901
2.1.12	508-14002-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	1	9025
2.1.13	508-14002-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RWPB	Nos	1	3924
2.2	508-14008-A	Battery Health Monitoring System (one for each set of battery)	Battery Health Monitoring System (one for each set of battery)	220V BATTERY RWPB	Nos	2	8543
3.01	508-14003-A	220V DC, AH capacity to be decided by bidder as per Annexure-I of Section-I, 1.85 ECV, 107 cells, Lead-Acid plane High discharge type battery with all accessories listed as 3.1 below.	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Sets	2	8507
3.02	508-14002-A	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Sets	2	2807
3.03	508-14003-A	Seasoned teakwood battery rack properly treated for anti-sulphuric acid resistance coated with three coats of anti-acid paint for 220V battery bank	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Sets	2	4415
3.04	508-14003-A	Porcelain/ hard rubber/ PVC pads insulators / high impact plastic insulators , rubber pad etc for rack plus 5 % extra	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	lot	2	4415
3.50	508-14003-A	Inter-cell, inter row , inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off.	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	lot	2	8507
3.06	508-14003-A	Cell numbering tags with fixing arrangement (1set)	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	sets	2	3919
3.07	508-14003-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	lot	2	8507
3.1.1	508-14003-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
3.1.2	508-14003-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	9030
3.1.3	508-14003-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
3.1.4	508-14003-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
3.1.5	508-14003-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	4901
3.1.6	508-14003-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	4015
3.1.7	508-14003-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Pair	2	4015
3.1.8	508-14003-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	8204
3.1.9	508-14003-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	3926
3.1.10	508-14003-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	9003
3.1.11	508-14003-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	10	4901
3.1.12	508-14003-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
3.1.13	508-14003-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	3924
3.2	508-14009-A	Battery Health Monitoring System (one for each set of battery)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery separately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	8543
4.1	508-14010-A	GL OVES	Battery Health Monitoring System (one for each set of battery)	220V BATTERY RWPH, MAIN PLANT & RW INTAKE PH & FOPH	SET	4	4015
4.2	508-14010-A	VENT PLUGS	E & C SPARES	220V BATTERY RWPH, MAIN PLANT & RW INTAKE PH & FOPH	Nos	20	8507
4.3	508-14010-A	Inter-cell connectors	E & C SPARES	220V BATTERY RWPH AND 220V BATTERY MAIN PLANT	Nos	20	8507
5.1.1	508-14000-B	Battery Cell (Uncharged, Dry)	MANDATORY SPARES	220V BATTERY MAIN PLANT	No	5	8507

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S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
5.1.2	508-14000-B	Intercell connectors with hardware		220V BATTERY MAIN PLANT	No	5	8507
5.1.3	508-14000-B	Vent plug		220V BATTERY MAIN PLANT	No	5	8507
5.1.4	508-14000-B	Cable clamps with hardware		220V BATTERY MAIN PLANT	No	6	8507
5.1.5	508-14000-B	Cell container of each type		220V BATTERY MAIN PLANT	No	5	8507
5.1.6	508-14000-B	Level indicator		220V BATTERY MAIN PLANT	Nos	2	8507
5.1.7	508-14000-B	Sets of nuts, bolts and washers		220V BATTERY MAIN PLANT	No	5	8507
5.2.1	508-14000-B	Battery Cell (Uncharged, Dry)		220V BATTERY RWPH	No	5	8507
5.2.2	508-14000-B	Intercell connectors with hardware		220V BATTERY RWPH	No	5	8507
5.2.3	508-14000-B	Vent plug		220V BATTERY RWPH	No	5	8507
5.2.4	508-14000-B	Cable clamps with hardware		220V BATTERY RWPH	No	6	8507
5.2.5	508-14000-B	Cell container of each type		220V BATTERY RWPH	No	5	8507
5.2.6	508-14000-B	Level indicator		220V BATTERY RWPH	Nos	2	8507
5.2.7	508-14000-B	Sets of nuts, bolts and washers		220V BATTERY RWPH	No	5	8507
5.3.1	508-14000-B	Battery Cell (Uncharged, Dry)		220V BATTERY RW INTAKE PH & FOPH	No	5	8507
5.3.2	508-14000-B	Intercell connectors with hardware		220V BATTERY RW INTAKE PH & FOPH	No	5	8507
5.3.3	508-14000-B	Vent plug		220V BATTERY RW INTAKE PH & FOPH	No	5	8507
5.3.4	508-14000-B	Cable clamps with hardware		220V BATTERY RW INTAKE PH & FOPH	No	6	8507
5.3.5	508-14000-B	Cell container of each type		220V BATTERY RW INTAKE PH & FOPH	No	5	8507
5.3.6	508-14000-B	Level indicator		220V BATTERY RW INTAKE PH & FOPH	Nos	2	8507
5.3.7	508-14000-B	Sets of nuts, bolts and washers		220V BATTERY RW INTAKE PH & FOPH	No	5	8507
6.1	508-14016-A	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)	Refer Note 1, 2, 3	SUPERVISION OF E&C	VISIT	6	9987
6.2	508-14016-A	LUMP SUM DAILY CHARGES FOR ENGINEER	Refer Note 1, 2, 3	SUPERVISION OF E&C	DAYS	20	9987

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S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
A.1.1	508-14001-A	220V, Ni-Cd battery suitable For MAIN PLANT as per Annexure-II (Load duty cycle) (1 set comprises 169 Nos. cell)	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	8507
A.1.2	508-14001-A	Electrolyte (for first filling plus 10% extra)	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	2815
A.1.3	508-14001-A	MS racks properly treated with alkali resistance powder	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Sets	2	7301
A.1.4	508-14001-A	Stand insulators plus 5% extra	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Lot	2	3923
A.1.5	508-14001-A	Cell interconnectors (Inter cell, Inter row & Inter bank connectors) with 5% extra and end take-off with one no. extra	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Lot	2	8507
A.1.6	508-14001-A	Nickel coated connection hardware plus 5% extra	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Lot	2	8507
A.1.7	508-14001-A	Cell numbering tags with fixing arrangement (1 Set)	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	set	2	3919
A.1.8	508-14001-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY MAIN PLANT	220V BATTERY MAIN PLANT	Lot	2	8507
A.2.1	508-14001-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	9025
A.2.2	508-14001-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	2	9030
A.2.3	508-14001-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	9025
A.2.4	508-14001-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	9025
A.2.5	508-14001-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	4901
A.2.6	508-14001-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	2	4015
A.2.7	508-14001-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Pair	2	4015
A.2.8	508-14001-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	2	8204
A.2.9	508-14001-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	2	3926
A.2.10	508-14001-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	2	9003
A.2.11	508-14001-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	10	4901
A.2.12	508-14001-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	9025
A.2.13	508-14001-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY MAIN PLANT	Nos	1	3924
A.3	508-14007-A	Battery Health Monitoring System (one for each set of battery)	Battery Health Monitoring System (one for each set of battery)	220V BATTERY MAIN PLANT	Nos	2	8543
B.1.1	508-14002-A	220V, Ni-Cd battery suitable for RWPH as per Annexure-II (Load duty cycle) (1 set comprises 169 Nos. cell)	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Set	2	8507

S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
B.1.2	508-14002-A	Electrolyte (for first filling plus 10% extra)	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	2815
B.1.3	508-14002-A	MS racks properly treated with alkali resistance powder	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Sets	2	7301
B.1.4	508-14002-A	Stand insulators plus 5% extra	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Lot	2	3923
B.1.5	508-14002-A	Cell interconnectors (inter cell, inter row & inter bank connectors) with 5% extra and end take-off with one no. extra	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Lot	2	8507
B.1.6	508-14002-A	Nickel coated connection hardware plus 5% extra	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Lot	2	8507
B.1.7	508-14002-A	Cell numbering tags with fixing arrangement (1 Set)	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	set	2	3919
B.1.8	508-14002-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY RWPH	220V BATTERY RWPH	Lot	2	8507
B.2.1	508-14002-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	9025
B.2.2	508-14002-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	2	9030
B.2.3	508-14002-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	9025
B.2.4	508-14002-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	9025
B.2.5	508-14002-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	9025
B.2.6	508-14002-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	2	4015
B.2.7	508-14002-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Pair	2	4015
B.2.8	508-14002-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	2	8204
B.2.9	508-14002-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	2	3926
B.2.10	508-14002-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	2	9003
B.2.11	508-14002-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	10	4901
B.2.12	508-14002-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	9025
B.2.13	508-14002-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RWPH	Nos	1	3924
B.3	508-14008-A	Battery Health Monitoring System (one for each set of battery)	Battery Health Monitoring System (one for each set of battery)	220V BATTERY RWPH	Nos	2	8543
C.1.1	508-14003-A	220V, Ni-Cd battery suitable for RWIPH as per Annexure-II (Load duty cycle) (1 set comprises 169 Nos. cell)	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Set	2	8507
C.1.2	508-14002-A	Electrolyte (for first filling plus 10% extra)	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Sets	2	2815
C.1.3	508-14002-A	MS racks properly treated with alkali resistance powder	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Sets	2	7301

S No.	Item code	Description 1	Description 2	Description 3	UOM	QTY.	HSN CODE /SAC
C.1.4	508-14002-A	Stand insulators plus 5% extra	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Lot	2	3923
C.1.5	508-14002-A	Cell interconnectors (inter cell, inter row & inter bank connectors) with 5% extra and end take-off with one no. extra	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Lot	2	8507
C.1.6	508-14002-A	Nickel coated connection hardware plus 5% extra	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Lot	2	8507
C.1.7	508-14002-A	Cell numbering tags with fixing arrangement (1 Set)	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	set	2	3919
C.1.8	508-14002-A	Cable clamps with hardware	BREAK UP DETAIL for 220V BATTERY RW INTAKE PH & FOPH	220V BATTERY RW INTAKE PH & FOPH	Lot	2	8507
C.2.1	508-14002-A	Hydrometer	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
C.2.2	508-14002-A	Cell testing digital voltmeter (3-0-3V) with testing leads	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	9030
C.2.3	508-14002-A	Set of Hydrometer syringes suitable for vent holes in different cells	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
C.2.4	508-14002-A	Thermometer for measuring electrolyte temperature	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
C.2.5	508-14002-A	Specific gravity correction chart	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
C.2.6	508-14002-A	Rubber apron	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	4015
C.2.7	508-14002-A	Pair of rubber hand gloves	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Pair	2	4015
C.2.8	508-14002-A	Set of Spanners	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	8204
C.2.9	508-14002-A	" No Smoking" notice	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	3926
C.2.10	508-14002-A	Goggles (Industrial)	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	9003
C.2.11	508-14002-A	Instruction card	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	10	4901
C.2.12	508-14002-A	Minimum & maximum temperature indicator for each battery room	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	9025
C.2.13	508-14002-A	Acid / Alkali mixing jar	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each set of battery seperately)	220V BATTERY RW INTAKE PH & FOPH	Nos	1	3924
C.3	508-14009-A	Battery Health Monitoring System (one for each set of battery)	Battery Health Monitoring System (one for each set of battery)	220V BATTERY RW INTAKE PH & FOPH	Nos	2	8543
D.1	508-14010-A	Gloves	E & C SPARES	220V BATTERY RWPH, MAIN PLANT & RWIPH	Set	4	4015
D.2	508-14010-A	Vent Plugs	E & C SPARES	220V BATTERY RWPH, MAIN PLANT & RWIPH	Nos	20	8507
D.3	508-14010-A	Inter-cell connectors	E & C SPARES	220V BATTERY RWPH, MAIN PLANT & RWIPH	Nos	20	8507
E.1.1	508-14000-B	Complete dry cell	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	5	8507
E.1.2	508-14000-B	Inter cell connectors with hardware	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	5	8507

S No.	Item code	Description 1	Description 2	Description 3	UCM	QTY.	HSN CODE /SAC
E.1.3	508-14000-B	Vent Plugs	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	5	8507
E.1.4	508-14000-B	Level indicator	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	2	8507
E.1.5	508-14000-B	Cell container of each type	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	5	8507
E.1.6	508-14000-B	Cable clamps with hardware	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	6	8507
E.1.7	508-14000-B	Set of nuts, bolts & washer	MANDATORY SPARES (MAIN PLANT)	220V BATTERY MAIN PLANT	Nos.	5	8507
E.2.1	508-14000-B	Complete dry cell	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	5	8507
E.2.2	508-14000-B	Inter cell connectors with hardware	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	5	8507
E.2.3	508-14000-B	Vent Plugs	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	5	8507
E.2.4	508-14000-B	Level indicator	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	2	8507
E.2.5	508-14000-B	Cell container of each type	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	5	8507
E.2.6	508-14000-B	Cable clamps with hardware	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	6	8507
E.2.7	508-14000-B	Set of nuts, bolts & washer	MANDATORY SPARES (RWPH battery)	220V BATTERY RWPH	Nos.	5	8507
E.3.1	508-14000-B	Complete dry cell	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	5	8507
E.3.2	508-14000-B	Inter cell connectors with hardware	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	5	8507
E.3.3	508-14000-B	Vent Plugs	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	5	8507
E.3.4	508-14000-B	Level indicator	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	2	8507
E.3.5	508-14000-B	Cell container of each type	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	5	8507
E.3.6	508-14000-B	Cable clamps with hardware	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	6	8507
E.3.7	508-14000-B	Set of nuts, bolts & washer	MANDATORY SPARES (RWPH battery)	220V BATTERY RW INTAKE PH & FOPH	Nos.	5	8507
F.1	508-14016-A	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)	Refer Note 1 , 2 3	SUPERVISION OF E&C	VISIT	6	9987
F.2	508-14016-A	LUMP SUM DAILY CHARGES FOR ENGINEER	Refer Note 1 , 2 3	SUPERVISION OF E&C	DAYS	20	9987

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