

FOREIGN BIDDER

INDIAN BIDDER

Sr. No.	Item code	Item Description	Unit	Quantity	Unit Ex-work price (Rs.)	Total Ex-work price	ED including cess @	CST @ 2% against form-C/IEI or VAT @ ..%, as applicable	Freight @ ...% of Ex-work price incl service tax	Total FOR Price (Rs.)	Unit FOB Price (Currency)	Total FOB Price (Currency)	Remarks
(A1)	MAIN ITEMS												
1.0	508-14001-A	LEAD ACID PLANTE 220V UNIT BATTERY	Nos.	4									220V DC, AH capacity to be decided by bidder as per Annexure-III (UNIT BATTERY) of Section-C, 1.85 ECV, 108 cells, Lead-Acid Plante high discharge battery with 100% electrolyte + 10% extra electrolyte, all accessories listed at 1.1, suitable cable termination arrangement and wooden/ metal properly treated for anti sulphuric acid resistance coated with 3 coats of anti-acid plant.
1.1		LIST OF ACCESSORIES WITH EACH BATTERY SET											
1.1.1		Hydrometer to measure specific gravity (in steps of 0.005)	No.	1									
1.1.2		Specific gravity correction scale.	No.	1									
1.1.3		Pocket thermometer	No.	1									
1.1.4		Acid resisting funnels	Nos.	2									
1.1.5		Acid resisting jugs of adequate capacity	No.	1									
1.1.6		Rubber aprons	No.	1									
1.1.7		Pair of Rubber hand gloves	No.	1									
1.1.8		Cell lifting straps	No.	1									
1.1.9		DC Voltmeter	No.	1									
1.1.10		+/- 3 volts DC voltmeter with suitable leads for measuring cell voltage	No.	1									
1.1.11		Cable clamps with fixing hardware	Lot	1									
1.1.12		PVC spill trays under the battery cells	set	1									
1.1.13		Set of Spanner	set	1									
1.1.14		Goggles (Industrial)	Nos.	2									
1.1.15		Battery Log book	Nos.	1									
1.1.16		Wall mounting type holder for hydrometer and thermometer	Set	1									
1.1.17		Set of intercell inter-tie and inter bank connectors as required for complete installation	set	1									Part of item 1.0
2.0	508-14013-A	MANDATORY SPARES											
2.1		Connectors with Nuts & Bolts		3%									
2.2		Vent plugs		3%									
2.3		Cell container empty	Nos.	4									
3.0	508-14010-A	E & C SPARES	Set	1									
3.1		Intercell connector	Nos.	5									
3.2		Vent plug	Nos.	5									
3.3		Gloves	Set	2									
4.0	508-14020-A	TYPE TEST	Lot	1									
4.1		Test for capacity & test for voltage during discharge (To be carried out at site on completion of E&C and immediately prior to putting battery in service)	Lot										
5.0	508-14007-A	Battery health monitoring system		8									
6.0	508-14016-A	SUPV. OF E&C	Set	2									1 Set refers to 2 No. Unit Battery.
		TOTAL											

Notes:
1) Cable Lugs at battery terminals shall be in bidder's scope & cable sizes shall be informed during detailed engineering.

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(A2)	MAIN ITEMS												
1.0	508-14002-A	LEAD ACID PLANTE 220V STATION BATTERY	Nos.	2									220V DC, AH capacity to be decided by bidder as per Annexure-III (STATION BATTERY) of Section-C, 1.85 ECV, 108 cells, Lead-Acid Plante high discharge battery with 100% electrolyte +10% extra electrolyte, all accessories listed at 1.1, suitable cable termination arrangement and wooden/ metal properly treated for anti sulphuric acid resistance coated with 3 coats of anti-acid plant.
1.1		LIST OF ACCESSORIES WITH EACH BATTERY SET											
1.1.1		Hydrometer to measure specific gravity (in steps of 0.005)	No.	1									
1.1.2		Specific gravity correction scale.	No.	1									
1.1.3		Pocket thermometer	No.	1									
1.1.4		Acid resisting funnels	Nos.	2									
1.1.5		Acid resisting jugs of adequate capacity	No.	1									
1.1.6		Rubber aprons	No.	1									
1.1.7		Pair of Rubber hand gloves	No.	1									
1.1.8		Cell lifting straps	No.	1									
1.1.9		DC Voltmeter	No.	1									
1.1.10		+/- 3 volts DC voltmeter with suitable leads for measuring cell voltage	No.	1									
1.1.11		Cable clamps with fixing hardware	Lot	1									
1.1.12		PVC spill trays under the battery cells	set	1									
1.1.13		Set of Spanner	set	1									
1.1.14		Goggles (Industrial)	Nos.	2									
1.1.15		Battery Log book	Nos.	1									
1.1.16		Wall mounting type holder for hydrometer and thermometer	Set	1									
1.1.17		Set of intercell inter-tie and inter bank connectors as required for complete installation	set	1									
2.0	508-14013-A	MANDATORY SPARES											
2.1		Connectors with Nuts & Bolts		3%									
2.2		Vent plugs		3%									
2.3		Cell container empty	Nos.	4									
3.0	508-14010-A	E & C SPARES	Set	1									
3.1		Intercell connector	Nos.	5									
3.2		Vent plug	Nos.	5									
3.3		Gloves	Set	2									
4.0	508-14020-A	TYPE TEST	Lot	1									
4.1		Test for capacity & test for voltage during discharge (To be carried out at site on completion of EAC and immediately prior to putting battery in service)	Lot										
5.0	508-14008-A	Battery health monitoring system		2									
6.0	508-14016-A	SUPV. OF E&C	Set	2									1 Set refers to 2 no. of station Battery.
		TOTAL											

Notes:
1) Cable Lugs at battery terminals shall be in bidder's scope & cable sizes shall be informed during detailed engineering.

BOQ CUM PRICE FORMAT : TENDER ENQUIRY No. PE/PG/SG/IE-4439/14 DT. 19.05.2014

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										Unit FOB Price (Currency)	Total FOB Price (Currency)	
(A3)	MAIN ITEMS											
1.0	508-14003-A	LEAD ACID PLANTE 220V RIVER WATER BATTERY	Nos.	2								220V DC, AH capacity to be decided by bidder as per Annexure-III (RIVER WATER BATTERY) of Section-C, 1.85 ECV, 108 cells, Lead-Acid Plante high discharge battery with 100% electrolyte + 10% extra electrolyte, all accessories listed at 1.1, suitable cable termination arrangement and wooden/metal properly treated for anti sulphuric acid resistance coated with 3 coats of anti-acid plant.
1.1		LIST OF ACCESSORIES WITH EACH BATTERY SET										
1.1.1		Hydrometer to measure specific gravity (in steps of 0.005)	No.	1								
1.1.2		Specific gravity correction scale.	No.	1								
1.1.3		Pocket thermometer	No.	1								
1.1.4		Acid resisting funnels	Nos.	2								
1.1.5		Acid resisting jugs of adequate capacity	No.	1								
1.1.6		Rubber aprons	No.	1								
1.1.7		Pair of Rubber hand gloves	No.	1								
1.1.8		Cell lifting straps	No.	1								
1.1.9		DC Voltmeter	No.	1								
1.1.10		4- 3 volts DC voltmeter with suitable leads for measuring cell voltage	No.	1								
1.1.11		Cable clamps with fixing hardware	Lot	1								
1.1.12		PVC spill trays under the battery cells	set	1								
1.1.13		Set of Spanner	set	1								
1.1.14		Goggles (Industrial)	Nos.	2								
1.1.15		Battery Log book	Nos.	1								
1.1.16		Wall mounting type holder for hydrometer and thermometer	Set	1								
1.1.17		Set of intercell inter-fire and inter bank connectors as required for complete installation	set	1								
2.0	508-14013-A	MANDATORY SPARES										
2.1		Connectors with Nuts & Bolts		3%								
2.2		Vent plugs		3%								
2.3		Cell container empty	Nos.	4								
3.0	508-14010-A	E & C SPARES	Set	1								
3.1		Intercell connector	Nos.	5								
3.2		Vent plug	Nos.	5								
3.3		Gloves	Set	2								
4.0	508-14020-A	TYPE TEST	Lot	1								
4.1		Test for capacity & test for voltage during discharge (To be carried out at site on completion of E&C and immediately prior to putting battery in service)	Lot									
5.0	508-14009-A	Battery health monitoring system		2								
6.0	508-14016-A	SUPV. OF E&C	Set	1								1 Set refers to 2 no. of River water Battery.
		TOTAL										

Notes:

1) Cable Lugs at battery terminals shall be in bidder's scope & cable sizes shall be informed during detailed engineering.

PROJECT : 2 X 660 MW SURATGARH STPS, STAGE-V

PACKAGE : DC LEAD ACID BATTERY

ANNEXURE A4: BOQ CUM PRICE FORMAT : TENDER ENQUIRY No. PEPG/YP/E-4439/14 DT. 19.05.2014

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(A)	MAIN ITEMS											
1.0	508-14014-A	OPERATION & MAINTENANCE SPARES (RECOMMENDED) FOR 3 YEAR OF PLANT OPERATION	LOT	1								BIDDER TO FURNISH THE LIST.

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