



THE WEST BENGAL POWER DEVELOPMENT CORPORATION
LIMITED
(A GOVT. OF WEST BENGAL ENTERPRISE)
OFFICE OF THE GENERAL MANAGER,
BAKRESWAR THERMAL POWER PROJECT
P.O.: Bk.T.P.P. : DIST. BIRBHUM-731 104

NIT No.: WBPDC/Tend-Adv/CC/13-14/188/BkTPP Date: 29.01.2014
JOB-I

Sealed tenders in two parts, Part A (for technical specification bid) and Part B (for commercial price bid) in duplicate are invited by the General Manager, BkTPP with same material specification for the supply of following material at BkTPP.

- 1a. Description of Material : Battery, VRLA, 220V/200Ah, Bank of 108 Cells in factory charged condition alongwith MS Racks & Connectors, Cell Type; 1.75ECV at 27°C, Float Voltage - 240.8 V, Boost Voltage - 248.4V/Equivalent.
Maximum Charging Current – 40A
Maximum Connector Rating – 78A
(New Battery Bank should be conform with the existing Charger as per Annexure-I)
- 1b. Buy back Option : Old/Existing Battery Bank (Make: Amara Raja Battery) should be buy back by the Party.
- 1c. Quantity of Material : 01 (One) Set.
2. Earnest Money : Rs.10,000/-
3. Cost of Tender Paper : Rs. 500/-
4. Sale of Tender Paper : 03.02.2014 to 24.02.2014 upto 01:30 PM
5. Pre-bid discussion : 27.02.2014 at 11:00 AM
6. Last Date of Submission of Sealed Tender Paper : 19.03.2014 upto 02:30 PM
7. Opening of Tender :
- 7a. Part-A (for technical bid) : 19.03.2014 at 02:45 PM
- 7b. Part-B (for price bid) : Opening date will be intimated to the successful i.e. technically accepted bidders later on.
- 7c. Delivery Schedule : Material will be supplied within twelve (12) weeks from the date of issuance of order.
- 7d. Job Schedule for Installation & Commissioning : After receiving the battery bank at our central store, it will be transferred to Tilpara Intake Pump House and Installation & Commissioning process will be started.

Qualifying Requirement: i) The Bidder should be an original manufacturer of the battery/authorized dealer. They must have supplied & installed 220V Battery Bank of VRLA type & 200AH capacity or above.

ii) Bidder must have a technical branch in India from where all type of technical support, Installation and commissioning will be done. They should have capability to provide this support for at least 15 years from India from date of PO.

iii) Minimum two PO references for supply & commissioning of 220V Battery Bank of VRLA type & 200AH capacity or above must be enclosed along with the tender.

iv) Bidder has to purchase the existing Battery Bank in the Buy Back option. Total amount deductible for buy back should be mentioned in the tender.

Detailed terms & conditions are set forth in the Tender Paper (Non - Transferable) which can be obtained from the Sr. Manager(S&P), BkTPP on application. The cost of Tender Paper is to be deposited in the Account Section, BkTPP from 10.30 AM to 01.30 PM (except Saturday, Sunday and Holiday). Tender Paper will not be issued against DD / MO / Cheque and by post. If any change or extension of due date or any corrigendum, may please visit website. The WBPDC reserves the right to accept or to reject any or all tender either in full or in part or to split up, if necessary without

assigning any reasons whatsoever. For qualifying requirements and other details visit website www.wbpdcl.co.in

T. K. BOSE

SR.MGR(S & P)
BkTPP/WBPDCL

Annexure-I

Technical Specification of existing Battery Bank and existing Battery Charger

A) Technical Specification of existing Battery Bank

Battery Type	: VRLA
Battery Voltage	: 220V DC
Capacity	: 200AH at C ₁₀
No. of Cells	: 108
Existing Cell Model	: F200P
Make	: Amara Raja Batteries Limited
Float Voltage	: 240.8V
Boost Voltage	: 248.4V
Maximum charging Current	: 40A
Maximum Connector Rating	: 78A

B) Technical Specification of existing Battery Charger

Make	: Caldyne Automatics Private Limited
Input	: 3 , 3-wire, 415V, 50Hz AC
Float Voltage	: 243.3V
DC Continuous Boost Current	: 14A
Starting Rate	: 50A
Type	: AF/AB

JOB-II

Sealed tenders in two parts, Part A (for technical specification bid) and Part B (for commercial price bid) in duplicate are invited by the General Manager, BkTPP with same material specification for the supply of following material at BkTPP.

- 1a. Description of Material : Battery Bank for 220V DC, 108 nos. Cells, each 2V, 535Ah, plante lead acid stationary, Type: YHP11, (1 set= 108 nos. cell, inter row and inter tie connector, acid as required and as applicable, in factory charged condition alongwith Mandatory Accessories).
(New Battery Bank should be conform with the existing Charger as per Annexure-B)
- 1b. Buy back Option : Old/Existing Battery Bank (150 nos. cell, Make: Exide) should be buy back by the Party.
- 1c. Quantity of Material : 01 (One) Set.
2. Earnest Money : Rs.80,000/-
3. Cost of Tender Paper : Rs. 500/-
4. Sale of Tender Paper : 03.02.2014 to 24.02.2014 upto 01:30 PM
5. Pre-bid discussion : 27.02.2014 at 11:00 AM
6. Last Date of Submission of Sealed Tender Paper : 19.03.2014 upto 02:30 PM
7. Opening of Tender :
- 7a. Part-A (for technical bid) : 19.03.2014 at 02:45 PM
- 7b. Part-B (for price bid) : Opening date will be intimated to the successful i.e. technically accepted bidders later on.
- 7c. Delivery Schedule : Material will be supplied within twelve (20) weeks from the date of issuance of order.
- 7d. Job Schedule for Installation & Commissioning : After receiving the battery bank at our central store, erection and commissioning work of the battery bank would be carried out within 20 days.

Qualifying Requirement: i) The Bidder should be an original manufacturer of the battery/authorized dealer. They must have supplied & installed 220V Battery Bank of Lead-Acid Plante type & 535AH capacity or above.
ii) Bidder must have a technical branch in India from where all type of technical support, Installation and commissioning will be done. They should have capability to provide this support for at least 15 years from India from date of PO.
iii) Minimum two PO references for supply & commissioning of 220V Battery Bank of Lead-Acid Plante type & 535AH capacity or above must be enclosed along with the tender.
iv) Bidder has to purchase the existing Battery Bank (110+40=150 cells) in the Buy Back option. Total amount deductible for buy back should be mentioned in the tender.

Detailed terms & conditions are set forth in the Tender Paper (Non - Transferable) which can be obtained from the Sr. Manager(S&P), BkTPP on application. The cost of Tender Paper is to be deposited in the Account Section, BkTPP from 10.30 AM to 01.30 PM (except Saturday, Sunday and Holiday). Tender Paper will not be issued against DD / MO / Cheque and by post. If any change or extension of due date or any corrigendum, may please visit website. The WBPDC reserves the right to accept or to reject any or all tender either in full or in part or to split up, if necessary without assigning any reasons whatsoever. For qualifying requirements and other details visit website www.wbpdcl.co.in

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SR.MGR. (S & P)
BkTPP/WBPDC

ANNEXURE – A

Technical Specification of existing Battery Bank

Battery Type	:Lead-Acid Plante
Battery Voltage	:220V DC
Capacity	:535AH at C ₁₀
No. of Cells	:110
Existing Cell Model	:YHP11
Make	:Exide Industries Limited
Charging Current Starting Rate	:70A (max.)
Charging Current Finishing Rate	:35A (max.)
Trickle Charging Rate	:300mA (min.), 600mA (max.)

ANNEXURE – B

Technical Specification of existing Battery Charger

Make	:Caldyne Automatics Private Limited
Input	:3Φ, 3-wire, 415V, 50Hz AC
Float Output	:236.5V, 51A DC continuous plus trickle charging current of 600mA (max.)
Float cum Boost Output	:94A (max.),
Starting Rate	:70A (max.) upto 2.35 V/cell
Finishing Rate	:35A (max.) upto 2.75 V/cell

Annexure - C GCR BATTERY ROOM

