

The West Bengal Power Development Corporation Limited

a separate sealed envelope in the following mode:

By Crossed Demand Draft / Pay Order or by Bank Guarantee amounting to

INR **80,000.00** (Rupees Eighty Thousand only); DD/Pay Order shall be drawn in favour of "**The West Bengal Power Development Corporation Limited**" and payable at Mecheda, Purba Medinipur. WB. BG shall be issued by an Indian Branch of any scheduled bank. The Bank Guarantee shall remain valid for a period of 300 days (with additional claim period of 30 days) from the date of opening of the tender. Details of the above and the other terms and conditions have been specified in the Conditions of Contract. EMD will not accrue interest at any stage.

Govt./ Govt. Undertaking/SSI/NSIC units are exempted from deposition of Earnest Money. Valid documentary evidences shall be submitted by the bidder along with his bid in order to avail such exemption. Without physical submission of proper statutory complete documents exemption of EMD will not be granted & bid will be considered as invalid.

WBPDCCL reserves the right to forfeit the EMD , if any tenderer , after opening of tender , withdraws, amends ,impairs , revise their offer unilaterally or derogates or revokes his tender , or if any document / statement submitted by the bidder is found to be untrue , or if successful bidder fails to execute the work order satisfactorily within the stipulated time as mentioned in the work order or denies to accept the work order.

4.0 SCOPE OF WORK FOR FABRICATION & SUPPLY OF A WATER CUM FOAM COMBINED FIRE TENDER :

This technical specification lays down the requirements regarding Material, Design, construction, workmanship and finish, Accessories and Equipment of combined fire tender for Firefighting service use as detailed below:

Sl. No.	Material Code	Description Of Material	Quantity
01.	00190098413	Fabrication & Supply of Water cum Foam combined Fire Tender on TATA LPT 1613 chasis	1

4.1 CHASSIS :

The fabrication of tender shall be made on **TATA LPT 1613 CHASSIS** . The chassis is without drivers cab, wind shield and wiper. It should comply with Euro –III / IV emission norms as will be the most up-dated available with that model.

4.2 GENERAL :

The appliance shall have a water tank capable of carrying 4500 lts. of water, 500 lts. of foam tank shall be fitted with a pump at the rear of the appliance driven through PTO. The appliance shall have the following overall dimensions:

Road clearance : Not less than 25 cms.

Overall width : Not more than 2.50 mts.

Overall height: The highest part of the appliance with monitor mounted on it shall not exceed 3.6 M

4.3 MATERIAL SELECTION AND TREATMENT :

4.3.1 The choice of material to be used in construction of the appliance shall be made with a view to combine lightness with strength and durability. All parts which form waterways or come into contact

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with water will be of corrosion resisting material or duly treated with anti corrosion treatment. Lubricating nipples will be provided wherever necessary.

4.3.2 The timber shall not be used for body construction.

4.3.3 All parts which form water ways shall be of corrosion resistance material or suitable treated with corrosion resistance compound. All metal pipeline shall be dipped galvanized after completing fabrication of pipe line inclusive flanges /joints. Pipe used shall at least be of medium duty and shall withstand two times of maximum working pressure.

4.4 WATER TANK:

4.4.1 The water tank mounted on the chassis shall be capable of carrying 4500 lts water. It shall be welded construction and fabricated out of 4.0 mm. thick SS 316L. The tank shall be suitable 2 nos. 3.0 mm baffle plate of SS 316L. to prevent surge. The baffle shall be of bolted panel type and bolting shall be done with stainless steel bolts and nuts. The tank shall be so designed and mounted as to bring centre of gravity of the appliance as low as possible and mounting shall permit full rated contents of the tank to flow into the pump .

4.4.2 Suitable lifting eye shall be provided on the shell of the tank to enable the tank to be lifted of the vehicle for repairs etc.

4.4.3 The tank shall be fitted with two man hole of 450 mm. dia. at the top of the tank. The cover of the man hole shall be hinged type. The tank side plate shall be die-pressed for more strength and torsion resistance. The drain pipe shall not be of less than 50mm dia. throughout and shall be taken down to the point well below the chassis without reducing the effective ground clearance. When fully loaded, it shall discharge away from the wheel.

4.4.4 One overflow pipe not less than 100 mm shall be fitted to the tank and taken down to the point well below the chassis without reducing the effective ground clearance when fully loaded. The pipe shall be so arranged that the water will overflow while refilling the tank but no water will over flow when appliance is in motion.

4.4.5 One filling pipe (hydrant connection of not less than 63mm shall be fitted to the tank . It shall be fitted with 63 mm male instantaneous coupling. This connection shall be fitted with gate valve to prevent water leaking through the filling pipe.

4.4.6 The tank shall be provided with cleaning hole at the bottom of not less than 250 mm dia and shall be fitted with bolted cover.

4.4.7 Suitable arrangement shall be provided for self filling the water tank directly from the pump using 50 mm pipe and control valve.

4.4.8 The water tank with all its fitment shall withstand hydraulic pressure of 0.3 Kg/cm².

4.4.9 All pumping shall be reasonably accessible for maintenance purpose. Screwed bends, flange joints shall be avoided as far as possible.

4.4.10 The tank shall be sand blast before giving epoxy treatment .The epoxy treatment shall consists of two coats of primer with two coats epoxy finish.

4.5 PUMP :

The Fire Pump will be of multi stage centrifugal with normal pressure type

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4.5.1 A high cum low pressure light alloy /gun metal pump shall be fitted at the rear of the appliance capable as under:

- a) 1800 lts/min at 7 Kg/cm² (Normal pressure)
- b) 250 lts/min at 30 Kgf/cm² (High pressure)
- c) Both H.P & L.P can be operated simultaneously.

4.5.2 The pump shall be provided with two delivery outlets of 63mm quick release coupling and a suction inlet of 100 mm as per IS. A by-pass for letting the water back to the tank shall be provided to release excess pressure generated due to shutting of the hand lines or while discharging low. It shall also deliver water for cooling system.

4.5.3 The pump gland shall be shelf adjusting mechanical seal type.

4.5.4 The pump shall have plungers and cylinders ceramic coated and lined. The suction line shall have inline mesh filters.

4.5.5 The vendor should provide BATCH QUALIFICATION TEST certificate for the pump.

4.6 PRIMER :

4.6.1 A water ring/reciprocating primer (twin piston type) capable of lifting water at least from 7M depth within 30 seconds shall be provided.

4.6.2 The primer shall come into operation automatically as and when required and get disengaged automatically when the priming is over.

4.7 FOAM TANK :

4.7.1 A foam compound tank of 500 lts capacity shall be mounted on the chassis. The tank shall be separate and distinct unit which can be removed separately for replacement. The tank shall be of rigid type and shall be of stainless steel welded construction. The thickness of the sheet shall not be less than 4.0 mm. It shall withstand a hydraulic pressure of 0.3 Kgf/cm². Suitable stiffness shall be provided to prevent surge when the vehicle is accelerating , cornering and braking.

4.7.2 Manhole of 450 mm. diameter on top of tank shall be used for foam filling with a removable strainer fitted to it. The strainer shall be of stainless steel and its total screening area shall be adequate to permit quick filling of foam compound into the tank. The filler cap shall be clearly marked 'FOAM'.

4.7.3 The foam tank shall have its top dished /funneling arrangement to enable easily filling from 20 lts drums. Suitable sharp edged puncturing device should be provided at the foam tank filling orifice for puncturing the foam compound drum for facilitating quick filling of the foam compound directly from drum to the tank without any spillage. The design of the tank shall incorporate a removable sump fitted with a drain valve. The foam compound draw-off tube shall be positioned in such a manner that foreign material or surge shall not pass into the tank . The draw-off tube shall be fitted with a gauge strainer of suitable material mesh, size and adequate straining area. Means shall be provided for automatic venting of the foam compound when the foam is being produced or the tank is being filled. This shall not be incorporated with the cap. The device employ shall be as simple as possible and shall not get clogged easily during normal use of the appliance.

The draw-off tube shall be connected to the foam compound proportionate / inductor and pump, as necessary. The plumbing for this purpose shall have clear passage of not less than 50 mm throughout.

Provision shall also be made for drawing foam compound into the foam producing system from an external source placed at ground level through a pick up tube without interrupting the fire fighting operation using foam solution.

4.8 FOAM COMPOUND PROPPORTIONATOR/INDUCTOR :

4.8.1 A round the pump proportionate should be fitted between the suction and delivery of the pump which will induct foam compound into the water stream with no loss in delivery pressure from the pump . The proportionate should comprise of an inductor and a selector valve which have five ports calibrated to ensure the correct intake of the foam liquid at the rate of 5 to 6 % to supply solution for the operation of foam making branch pipe. The proportionate should have five positions selector valve i.e, of 1,2,3,4, and 5. The off position should isolate the proportionate, so that the pump can operate in the normal manner. The other positions should select air foam liquid to the corresponding foam equipment. It should be able to feed enough foam so that the whole quantity of pump capacity i.e, 1800 lpm should be utilized.

4.9 FOAM CUM WATER MONITOR:

4.9.1 A foam monitor shall be mounted at the roof of the vehicle in such a manner that it can be manually operated by a member of the crew. The monitor shall be capable of traversing through 360 degree in the horizontal plane and 45 degree in vertical plane.

4.9.2 The monitor shall be self aspirating type with a flow rate of at least 1100 lpm. at 9 Kgf/cm² water foam solution . It shall have an expansion ratio of not less 8 times , using protein foam solution to specification no. IS 4989 (Part-1 19850).

4.9.3 The monitor shall be capable of projecting the foam discharge to an effective distance of not less than 30 mtr. in still air when operated at 7 Kgf /cm² pressure in a straight jet.

5.0 HOSE REEL :

Two nos. of high pressure hose reel (one on either side) fitted with a trigger operated fog gun (adjustable from high velocity jet stream & low velocity fog through actuation of the trigger)shall be installed. The length of the hose shall be 45 mtr. with manual operated mechanism to roll the hose shall be provided. The connection between the fog gun and the hose shall be using sure lock coupling and an addition spare hose reel of 45 mtr. long on self supporting stand shall be supplied along with above. The coupling on either of this reel shall be sure lock type.

6.0 BODY WORK STOWAGE CABIN :

6.1 Enclosed accommodation with double compartment for six person with driver and officer in the front and a crew at the rear shall be provided. The driver seat shall be adjustable type. The design of the cab shall be such that it affords max. possible vision. Two hinged door shall be provided on each side of the appliance for easy access to driver and crew. All doors shall open outward and hung forward. The locking arrangement shall be with double catch striking plate. Non slip step and grab rails coated with plastic shall be provided to assist the driver and crew to get in and out. All the seats shall be fitted with 100 mm. thick foam cushion. All window shall have safety glasses and all glasses be fitted with window type regulator. Two number sun visors shall be provided one on each side. The construction of cab shall be such that the roof shall support of two men without damage.

6.2 The cab and lockers should be composite construction with sufficient rigidity reinforcement and to be kept as light as possible. The entire structure be made of 32X 32X1.6 mm. square tube of MS 16 gauge aluminium sheet shall be used for exterior paneling work all over. For inner wall of the lockers, 16 gauge MS sheet shall be used . 2.5 mm. thick aluminium checker plate shall be used for locker & cab floor. Inspection /maintenance hatch of removable type shall be provided in the cabin for gaining access to gear box/PTO.

6.3 There shall be two lockers, one on either side of the chassis at the rear of appliance for stowage. The lockers shall be composite construction. The doors of the lockers shall have efficient means for

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holding them closed by efficient flush fitting spring loaded locks and hinged at sides. Inner walls of the lockers shall be of 16 gauge MS and 2.5 mm. aluminium checker plate for flooring. All lockers shall be weather proof and self draining type. All lockers shall be provided with internal automatic lighting arrangement with the master switch in the cab. The pump and other fitments shall be covered by hinged door with suitable locking device at the rear.

6.4 The suction hose tunnel shall be provided at suitable location for carrying four number of 2.5 mtr. long, 100 mm. suction hose.

7.0 LADDER GALLOW:

Ladder gallows shall be provided for carrying 10.5m aluminum extension ladder. The design shall be such that the ladder can be released without difficulty from reasonable access position and shall embody rollers to permit easy withdrawal by one man. Means shall also be provided for locking the ladders when stored.

8.0 REVOLVING LIGHT/FIRE BELL:

8.1 Two revolving light of amber color shall be fixed on the roof of the cab. (one on either side). A two tone siren with necessary amplifier and operating control shall be fitted in front of officer seat. The revolving light and electronic two tone siren shall be of "Grand Make Model GM 103 TF and GES - 40 FTF.

8.2 One fire bell of 250 mm dia natural tone carillon shall be mounted externally and capable of being operated within the crew compartment shall be provided.

9.0 CONTROL PANEL:

Adequately illuminated pump control panel shall be provided at the rear of the appliance with following controls: a) Pressure Gauge: 0 to 40 kgf/cm² b) Pump pressure gauge and Compound Gauge calibrated as i) Pressure 0 to 7 kgf/cm² (in black) ii) Vacuum 0 to 75cm Hg (in red) iii) Temperature gauge in 0°C c) Auxiliary Engine throttle control d) Pump hour meter in cabin or dash board. e) Audio cum visual warning arrangements at driver cabin and pump panel at rear for engine temperature exceeding 90° f) Water and foam level indicator(glass tube type). g) One 100 mm. suction inlet of pump h) 2x63 mm. delivery outlets with control valve. i) Control for auxiliary foam compound pick up tube. j) Control for flushing the foam equipments and piping. k) Water tank to pump valve. l) Foam tank to proportioner valve. m) Hydrant to water tank connection n) pump to Hose reel valve.

10.0 VALVES : All valves used in the water lines shall be gunmetal gate valve with relevant I.S. marking.

11.0 DCP FIRE EXTINGUISHERS :

Two nos.of DCP Fire Extinguishers of capacity 50 kgs each, as per relevant Indian Standards shall be mounted in the suitable locker of the appliance.

12.0 WORKMANSHIP AND FINISH :

12.1 All parts of the appliance shall be of good workmanship and shall have streamline finish. All mechanical and other part shall be such that parts normally required to be replaced can be supplied and fit correctly.

12.2 The appliance shall be painted fire red (two coat) conforming to shad 536 of IS. 5-1978 and paint shall conform to IS 2932. Necessary anti-corrosion and priming coat shall be applied before painting in order to achieve gloss finish. The under chassis shall be painted black. The inside of locker and driver/crew compartment shall be painted cream.

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12.3 Fire Service insignia shall be painted on both side of the appliance in golden & black and lettering "KTPS Fire Service" shall also be painted on either sides of the appliance in gold & black paint.

13.0 ACCESSORIES & EQUIPMENTS:

- a) Fog lamp fitted in front of appliance - 02 nos. b) Reversing lights fitted at the rear of appliance - 01 no.
- c) Delivery hose 50 mm dia, 30 m long ISI 636 type-A. ISI mark with heavy duty G.M. Couplings Instantaneous, 63 mm male & female duly binded using copper wires – 15 nos.
- d) Delivery hose 38 mm dia, 15m long ISI 636 type-A. ISI mark with heavy duty GM couplings instantaneous, 63 mm male & female duly binded using copper wire - 05 nos.
- e) Escarp Rechargeable Search/Search light - 01 no. 55W/12v I-13 type halogen powered with maintenance free battery of 12V, 7Ah with necessary control complete with charger 01 no.
- f) Lightweight, fog and straight stream pistol grip nozzle, having 63mm male • instantaneous inlet with automatic constant pressure 100 psi regulated and variable flow output 50-450 Lts/min. The nozzle shall have a molded rubber bumper with power fog teeth, detent flow control, grabber inlet screen, pistol grip, stainless steel valve and capability to flush without shutting down, The main body shall be of extruded hard coat anodized aluminum —02 nos.
- g) Fire hook as per IS 927 — 01 no. h) Foam making branch pipe 5X with pick up tube — 01 no.

14.0 ACCEPTANCE TEST:

The following test shall be carried out before accepting the vehicle. These shall be carried out at the manufacture works. All material required during the acceptance test will be provided by the manufacturer.

14.1 The front axle, rear axle and total weight of the loaded appliance shall be checked and the same should not exceed the manufacturer specifications. Road test within the limit of chassis manufacturer and stability test.

14.2 The pump shall be run for a period of 4 hours non stop to check the rated output at varying pressure as per clause 5.1. The engine shall show no sign of distress during the test.

14.3 The pump casing & impeller shall be subjected to hydraulic test of 21 kgf/cm².

14.4 PRIMER TEST: The priming system shall be tested for the requirement as laid down in clause 6.1. This shall be carried out immediately the pump out put test. The water tank and foam tank shall be tested as per clause 4.8 and 7.0 respectively.

14.5 The vehicle shall be inspected in four stages:

- SS tanks fabrication time.
- After completion of basic frame work before fixing of aluminium sheets.
- Before mounting of water tank, foam tank and pump.
- Acceptance as per clause 19 once the vehicle is ready in all respect.

15.0 MANUFACTURE GUARANTEE CERTIFICATE :

15.1.1 The manufacturer shall furnish a guarantee for the material, workmanship and performance of the appliance

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i) for a period of one year from the date of receipt and successful commissioning of fire equipment at KTPS .

ii) For PTO 3 years.

iii) For pump 3 years.

15.1.2 The manufacturer shall be responsible for replacing any part which may unserviceable during the above period due to substandard material/bad workmanship free of all charges.

16.0 NOTE:

The manufacturer may take note of the following points before submitting the tender documents.

16.1 Vendor shall submit three sets of drawings showing plan, section & elevation along with load distribution diagram with the appliance fully loaded with their offer. All material specification and quantity shall also be supplied along with the offer. Successful vendor shall start the fabrication only after getting the approved drawing without these technical bid will not be considered and stand rejected.

16.2 The vehicle shall be inspected in two stages.

a) After completion of basic frame work, water tank and foam tank ready but not mounted, pump ready but not mounted.

b) Acceptance test as per clause 18.0 once the vehicle is ready in all respect.

16.3 The pump shall be coupled to the prime mover of the chassis through a heavy duty PTO of suitable ratio 1:1.27 and capable of transferring full torque of the engine. A control lever for engaging and disengaging the pump with suitable locking device shall be provided in driver's cab. The fabricator shall submit proof of purchasing a brand new PTO unit.

16.4 The fabricated vehicle shall meet all the regulation with respect to motor vehicle act/RTO regulation enforce and in no case exceeds the manufacturer specification w.r.t. chassis

16.5 The accepted vehicle shall be delivered at KTPS workshop by the vendor.

16.6 Standard Material test certificate as per IS: 950-1980 for all materials like pump, primer ,cooling system, PTO unit, water tank, water monitor, pipe lines & valves, lockers vehicle body fabricated materials should be provided to KTPS, WBPDC.

16.7 The firm should give service& spare parts support for 10 years from the date of supply.

16.8 Two sets of the operational and maintenance manuals will be provided along with the fire tender.

16.9 A specially fitted recessed tray for the normal kit of tools, carried on the appliance shall be provided.

17.0 Qualification Requirement and Eligibility Criteria for Bidders :

1. The Bidder shall fulfill the must condition & Past Experience requirement satisfactorily as stipulated under and submit documentary evidences as applicable. Any Bid which is incomplete, ambiguous,

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or not in compliance with the terms & conditions as laid down in the Bid Document is liable to be rejected.

Must Condition

i. The Bidder must be a manufacturer/supplier, who regularly manufactures/supplies more than one water/foam combined fire tender per year and has adequate technical knowledge and has relevant experience of at least 07 (Seven) years.

II. The bidder should have the credential for supply of similar type of work directly under the Government/Quasi Govt. organization/Power plant having more than 100MW capacity unit/s any renowned (as per discretion of tender evaluation authority) private Sector during the period of last 07 years in the following manner:-

- In Single order-Executed each value of supply not less than Rs.32 lac (Excluding Taxes)
or
- In Two order-Executed each value of supply not less than Rs.20 lac (Excluding Taxes)
or
- In three order-Executed each value of supply not less than Rs.16 lac. (Excluding Taxes)

The acceptance certificate (GRN) for the supply or material dispatch clearance certificate or repeat order with executed original P.O. has to be submitted from the end users.

iii. a) The bidder should have minimum average annual turnover of Indian Rupees 12 Lac Positive Avg. Annual Net worth in the last three financial years ending at 2016-2017.

b) The bidder should have to submit copies of their annual report including profit and loss account and audited balance sheet for each of the last three(3) financial years ending at F.Y. 2016-17 satisfy the criteria of Avg. annual Turnover & Avg. Net Worth.

Bidder shall provide satisfactory evidence for the same and the details of which shall be filled up in attachment-1(Form-1) of Section-V of the tender documents.

iv. The bidder should have an adequate design, manufacturing and/or fabrication capability including In-house Testing facility including Physical & NDT and capacity available to perform the work properly and expeditiously within the time period specified. The bidder should have facility in India for conducting Factory Acceptance Test.

v. The bidder should have established quality assurance systems and organization designed to achieve high levels of equipment/system reliability, both during his manufacturing and/or fabrication.

vi. Bidder should be able to quote all the items specified in the technical details. The copy of such previous (within a period of last two years) Purchase Order i.r.o the brought out items (if any) to be submitted along with the QR.

vii. Bidder should be able to supply the ordered item within 06 months. A commitment in respect of the stated subject must be submitted by the bidder.

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- viii. The bidder shall have to guarantee that the necessary support & services shall be executed at least for a period of 10(ten) years. Undertaking in this regard to be submitted.
- ix. Bidder should be able to provide Annual Service Support to the offered system after completion of warranty period.
- x. Has a established quality assurance systems to achieve high levels of quality during manufacturing (In case of manufacturer only). In case of supplier quality assurance certificate from manufacturer must be submitted.

AND

- 17.2 In addition to the requirements stipulated at Para 5.1 above, the Bidder should also meet, the requisite qualifying requirements/ must conditions stipulated herein under :-
- 17.2.1 The bidder shall submit at least two (2) un-priced Purchase Order copy of similar work executed by him during last five (5) years in any Govt./Govt. Under Taking/Enterprise Company or any reputed Industrial House or any Power Plant of WBPDC/NTPC as on the date of submission of Bid along with Goods Received Note (GRN) from the End-users for the respective supply.
- 17.2.2 The Bidder shall submit along with his bid a list of major similar supply of executed/being executed continuously by him during last 07 years giving detailed particulars such as quantity, quality, contract value, name of the Owner, year of supply etc.
Bidder shall provide satisfactory evidence for the same and the details of which shall be filled up in Attachment-I of the tender documents.

AND

- 17.3 Bidder shall strictly comply with the 'Delivery' schedule as detailed elsewhere in this document. Bid shall be rejected in case of any departure in this regard.
- 17.4 Evaluation of WBPDC shall be based on the information submitted by the bidder in response to these documents. WBPDC reserves the right to reject any tender if a bidder is found to be qualified by giving incorrect or false information.
- 17.5 The bidder shall declare the specified key information for himself whichever is applicable in the table enclosed in Attachment-5 of Section-V.
- 17.6 The Owner, at its discretion, may ask the Bidder to furnish the original copies of the documents submitted with bid or any other relevant documents for its scrutiny during evaluation of Bidder's bid.
- 17.7 Current S.T., I.T.& P.T. Clearance Certificated , Provident Fund Registration Certificates including P.F. Code No., PAN, VAT registration Certificate, Audited Balance Sheet and Profit & Loss Account for the last three financial years are to be submitted . Alternatively, bidder shall submit certificates from statutory authorities indicating exemption and / or non – applicability with regard to any or all of S.T.,I.T.& P.T. Clearance Certificates . WBPDC Reserves the right to reject any bid if any or all of these certificates have not been submitted or if the certificate from statutory authorities indicating exemption and/ or non – applicability with regard to and or all of S.T.,I.T.& P.T. Clearance Certificates has not been submitted.

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18.0 On the basis of a written application, tender documents, will be available from the office of Sr. Manager(S&P), KTPS, Mecheda, from Monday to Friday (excluding Saturday, Sundays & Holidays) from 10.00 Hours to 13.00 Hours during all working days against payment of cost of the tender document by cash only.

19.0 Tender papers are not transferable. Cost of Bidding Documents is Non-refundable.

20.0 The offer must accompany the Earnest Money as indicated above failing which it will be summarily rejected. No interest shall be payable by the purchaser on the EMD of the tender under any circumstances.

21.0 Any offer received after the expiry of the time prescribed for receiving completed tenders, will not be considered.

22.0 The WBPDC reserves the right to reject any tender or all tenders received and also to cancel the tender at its discretion without assigning any reason whatsoever.

23.0 The WBPDC is not necessarily bound to accept the lowest offer.

24.0 Issuance of bidding documents will not be construed to mean that such Bidders are automatically considered qualified.

25.0 The tender may be extended depending on the number of adequate bidders or any other reason whatsoever as per discretion of the KTPS , WBPDC authority.

26.0 All correspondences in regard to this procurement shall be made to the following address:

Sr. Manager (Store & Purchase)

Kolaghat Thermal Power Station

P.O. - Mecheda, Dist. - Purba Medinipur, Pin – 721137

Contact Nos.PH: 03228-231260, Fax No.03228-231208 & Mobile No. 8336904046 /8336917006

E-mail : s_das@wbpdcl.co.in / ibanerjee@wbpdcl.co.in

Tapas Patra

General Manager

Kolaghat Thermal Power Station

P.O.: Mecheda,Dist: Purba Medinipur, Pin – 721137

JOB-II

TO BE PUBLISHED IN WEBSITE

**INVITATION FOR COMPETITIVE BIDS FOR SUPPLY & DELIVERY OF 1500 MT
HYDROCHLORIC ACID FOR KOLAGHAT THERMAL POWER STATION (6X210MW)**

LOCAL COMPETITIVE BIDDING

Tender Ref.No. : 181CHAC16-17GT

1.0 Kolaghat Thermal Power Station (KTPS) of The West Bengal Power Development Corporation Ltd. (WBPDC) invites 03(Three) part sealed tenders containing technical, commercial and price offer in duplicate (one original & one copy) from eligible bidders for supply, deliver & transport including transit insurance of 1500 MT Hydrochloric Acid.

2.0 Schedule of Supply

As per Plant's monthly requirement basis, as applicable within contractual period of twelve (12) months from the LOA date.

3.0 Details of Tender

On presentation of requisite money receipt against applicable cost of tender documents, will be handed over to the respective Bidder(s).

- a) Cost of one set of tender document : INR. 2,000.00 By Cash or by crossed Demand Draft / Pay Order drawn in favour of "The West Bengal Power Development Corporation Ltd" and payable at Mecheda, Purba Medinipur, WB.
[Indian Rupee (INR)]
- b) Date for sale of tender document : From 05.05.2017 to 19.05.2017
- c) Pre-bid discussion : Will be held at office of Sr. Manager(S&P), KTPS, Mecheda on 25.05.2017 at 3:00 PM
- d) Last date and time for submission of complete tender : 06.06.2017 up to 12:30 PM
- e) Place, date & time for opening of tender : Sr. Manager(S&P), KTPS, Mecheda on 06.06.2017 at 3:00 PM
- f) Validity of the Offer : 180 (one hundred eighty) days from date of opening of tender.
- g) Bid security/Earnest money deposit : (EMD)

All bids must be accompanied by a security as bid security/bid guarantee submitted in a separate sealed envelope in the following mode:

By Crossed Demand Draft/Pay Order or by Bank Guarantee amounting to INR 46,000/- (Rupees Forty six Thousand only) ; DD/Pay Order shall be drawn in favour of "**The West Bengal Power Development Corporation Limited**" and payable at **Mecheda branch**, Purba Medinipur, WB. BG shall be issued by an Indian Branch of any scheduled bank. The Bank Guarantee shall remain valid for a period of 300 days (with additional

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claim period of 60 days) from the date of opening of the tender. Details of the above and the other terms and conditions have been specified in the Conditions of Contract. EMD will not accrue interest at any stage.

Govt./ Govt. Undertaking/SSI/NSIC units are exempted from deposition of Earnest Money. Valid documentary evidences shall be submitted by the bidder along with his bid in order to avail such exemption.

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4.0 Scope of Work/Supply

Supply & Delivery of 1500MT Hydrochloric Acid as detailed below:

Sl. No.	Material Code	Description Of Material	Quantity
01.	S0070010269	Hydrochloric Acid (HCl), Purity : 30 +/- 2%, IS : 265 -1976 for of Bulk Chemicals	1500MT

Note: Buyer reserves the right to split up the tender quantity among the qualified bidders at the lowest price.

5.0 Qualification Requirement(QR) and Eligibility Criteria for Bidders :

5.1.i. The Bidder shall fulfill the must condition & past experience requirement satisfactorily as stipulated under and submit documentary evidences as applicable. Any Bid which is incomplete, ambiguous, or not in compliance with the terms & conditions as laid down in the Bid Document is liable to be rejected.

Must Condition

ii. The bidder should have the credential for supply of Hydrochloric acid directly under the Government /Quasi Govt .Organization /Power plant having more then 100MW capacity unit/s/any renowned private Sector (as per discretion of Tender Evaluation Authority, KTPS, WBPDC) during the period of last 07 (Seven) years ending 31.03.2017 in the following manner :

- In Single order: Executed each value of supply not less than Rs.**36.60** Lac (Exclud.taxes),
or
- In Two orders :Executed each value of supply not less than Rs.**22.87** Lac (-DO-),
or
- In Three orders : Executed value of supply not less than Rs.**18.30** Lac (-DO-)

The acceptance certificate (GRN) for the supply or material dispatch clearance certificate or repeat order with executed original P.O. has to be submitted from the end-users.

iii. Has adequate financial stability and status to meet the financial obligations pursuant to the works covered in the Bidding Documents. The Bidders shall submit copies of their annual report including

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profit and loss account and audited balance sheet for each of the last three (3) financial years i.e. upto FY2016 -17.

- iv. Has a minimum average annual turnover of Indian Rupees **13.72** Lac (Excluding taxes) in the last three financial years i.e. for 2014 - 2015 , 2015 - 2016 & 2016 – 2017.
- v. Annual Net worth in each of the last three (03) financial years i.e. for 2014 - 2015 , 2015-2016 & 2016 – 2017 should be positive.

Bidder shall provide satisfactory evidence for the same and the details of which shall be filled up in Attachment-1 (Form-I) of Section-V of the tender documents.

- vi. Copies of IT return for the last three (03) financial years i.e. for 2014-2015 , 2015-2016 & 2016 – 2017 should be submitted with offer.
- vii. Current & Valid Trade License, Vat clearance certificate & copy of PAN should be submitted with offer.
- viii. Has established quality assurance systems to achieve high levels of quality during manufacturing.
(In case of manufacturer only.)

AND

- 5.2 In addition to the requirements stipulated at Para 5.1 above, the Bidder should also meet, the requisite qualifying requirements stipulated herein under :-

Non – Statutory condition

- i. The Bidder shall submit along with his bid a list of major similar supply of executed/being executed continuously by him during last seven (07) years giving detailed particulars such as quantity, quality, contract value, name of the Owner, year of supply etc.
- ii. Bidder shall provide satisfactory evidence for the same and the details of which shall be filled up in Attachment-I of the tender documents.

AND

- 5.3 Bidder shall strictly comply with the 'Delivery' schedule as detailed elsewhere in this document. Bid shall be rejected in case of any departure in this regard.
- 5.4 Evaluation of WBPDCCL shall be based on the information submitted by the bidder in response to these documents. WBPDCCL reserves the right to reject any tender if a bidder is found to be qualified by giving incorrect or false information.
- 5.5 The bidder shall declare the specified key information for himself whichever is applicable in the table enclosed in Attachment-5 of Section-V.
- 5.6 The Owner, at its discretion, may ask the Bidder to furnish the original copies of the documents submitted with bid or any other relevant documents for its scrutiny during evaluation of Bidder's bid.
- 6.0 On the basis of a written application, tender documents, will be available from the office of **Sr. Manager(S&P), KTPS, Mecheda**, from Monday to Friday (excluding Saturday, Sundays & Holidays) from 10.30 Hours to 14.00 Hours during all working days against payment of cost of the tender document by cash or crossed demand draft / pay order on any scheduled bank drawn

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- in favour of “**The West Bengal Power Development Corporation Limited**” and payable at Mecheda Branch. **No postal** correspondences will be entertained.
- 7.0 Tender papers are not transferable. Cost of Bidding Documents is Non-refundable.
- 8.0 The offer must accompany the Earnest Money as indicated clause 3(g) failing which it will be summarily rejected.
- 9.0 Any offer received after the expiry of the time prescribed for receiving completed tenders, will not be considered.
- 10.0 The WBPDCCL reserves the right to reject any tender or all tenders received at its discretion without assigning any reason whatsoever. In that case, WBPDCCL will not be liable to reimburse any cost incurred by the participants.
- 11.0 The WBPDCCL is not necessarily bound to accept the lowest offer.
- 12.0 Issuance of bidding documents will not be construed to mean that such Bidders are automatically considered qualified.
- 13.0 The tender may be cancelled as per discretion of the KTPS, WBPDCCL authority without assigning any reason whatsoever.
- 14.0 The tender may be extended depending on the number of adequate bidders or any other reason whatsoever as per discretion of the KTPS, WBPDCCL authority.
- 15.0 Quantity tolerance (weight basis) $\pm 5\%$ may be implemented as per discretion of KTPS Authority.
- 16.0 All correspondences in this regard to this procurement shall be made to the following address:
Sr. Manager (Store & Purchase)
Kolaghat Thermal Power Station
P.O. - Mecheda, Dist. - Purba Medinipur, Pin – 721137
Contact Nos.PH: 03228-231260, Fax No.03228-231208 & Mobile No. 8336904046 /8336917006
E-mail : s_das@wbpdccl.co.in / ibanerjee@wbpdccl.co.in

Tapas Patra
General Manager
Kolaghat Thermal Power Station
P.O.: Mecheda,Dist: Purba Medinipur, Pin – 721137