



The West Bengal Power Development Corporation Limited
(A Govt. of West Bengal Enterprise)
Corporate Identity No. U40104WB1985SGC039154
Registered & Corporate Office : Bidyut Unnayan Bhaban
Plot No.: 3/C, LA - Block, Sector- III, Bidhannagar, Kol-700098

EXPRESSION OF INTEREST

Notice No.: WBPDC/EOI-Adv/CC/17-18/363/Corp

Date:12.12.2017

Invitation for Expression of Interest for Disposal of fly ash from silos through railway wagons by installing bagging plants and necessary railway infrastructure at Sagardighi Thermal Power Station of WBPDC

The West Bengal Power Development Corporation Ltd. (WBPDC) a wholly owned company of Government of West Bengal, having Corporate Office at 'Bidyut Unnayan Bhaban', 3/C, Block-LA, Sector-III, Salt Lake City, Kolkata-700 098. The WBPDC is the state Power Generating Company in the West Bengal having total installed capacity of 4865 MW with generating stations at Kolaghat (6X210MW), Bandel (4X 60MW + 215MW), Santhaldih (2X250MW), Bakreswar (5X210MW) and Sagardighi (2X300MW + 2X500MW).

1. Introduction & Objective of this EoI

1.1 The West Bengal Power Development Corporation Ltd. (WBPDC) is interested to utilize the Fly Ash generated from its power stations by the way of disposing the same in bags through railway wagons. For this purpose

WBDCL invites Expression of Interest (EoI) from the interested, established and reputed business organizations. The WBDCL has initially identified its plant at Sagardighi (SgTPP) for the said purpose. SgTPP has 2 units of 300MW each and 2 units of 500MW each in operation and construction of a new unit of 660MW will start soon. The Silos of 3 units have capacity of 1000 MT each and 3 units of 2,400 MT each. Average fly ash generation of SgTPP is 12,000 MT per day considering all the units.

- 1.2 SgTPP is located in the district of Murshidabad at a distance 250 Km (approx.) from Kolkata and nearest railway station is Monigram on Eastern Railway of Azimganj-Farkka section. The SgTPP is well connected with rail network.
- 1.3 The land required for setting up of bagging machines is available with WBDCL and the bidder shall be allowed to use the land for the above purpose.

SgTPP/WBDCL has existing railway connecting facility from Monigram station to plant and the same may be used by the bidder along with SgTPP authority subject to permission of railway authority. For this purpose SgTPP/WBDCL will issue no objection certificate (NoC).

The bidder shall be responsible for construction of additional railway infrastructure for transportation of bagged ash at their own cost. However, the bidder shall obtain necessary NoC from the railway/ WBDCL/ other statutory authority as required. WBDCL will issue NOC for this purpose.

However, the permission for using the land for bagging, railway, etc shall

- in no way be construed as transferring the land to the bidder. The right, title and interest on the land will remain solely with SGTPP/WBPDCL.
- 1.4 The WBPDCL invites offer for setting up of ash bagging machines with required railway infrastructure at SgTPP and running the same utilizing fly ash generated from SgTPP. The bidder will be responsible for setting and running of the ash bagging machines with required railway infrastructure at SgTPP. The WBPDCL will have no role in running of the ash bagging machines as well as railway infrastructure at SgTPP and marketing of the product through requisite logistic.
 - 1.5 The WBPDCL will be at liberty to terminate/ void the agreement to the bidder and the take back the land, if the bidder fails to start and operate the ash bagging machines within the specified time frame.
 - 1.6 The bidder has to take fly ash from the silo of SgTPP /WBPDCL at a fixed rate. The price is subjected to increase at a certain rate.
 - 1.7 The bidder has to utilize at least 20,000 MT per month and in totality 2.50 lakh MT fly ash per annum from SgTPP silos. However, supply of dry fly ash will be subjected to availability of requisite quantity of fly ash at the silos of SgTPP at relevant point of time.

2. Properties of the fly ash available at SgTPP

2.1 SgTPP

[A] PHYSICAL PROPERTIES

Sl. No.	Test Parameters	Unit	Test Result
1	pH of 10% aqueous solution	---	6.82
2	Fineness by Blaine's Apparatus	M ² /Kg	368
3	Bulk Density	gm/cc	1.0572
4	Lime Reactivity	Kg/ cm ²	0.44

[B] CHEMICAL PROPERTIES

Sl. No.	Test Parameters	Unit	Test Result
1	SiO ₂	%	60.28
2	Al ₂ O ₃	%	24.65
3	Fe ₂ O ₃	%	4.3
4	TiO ₂	%	0.83
5	CaO	%	2.72
6	MgO	%	0.38
7	Na ₂ O	%	5.41
8	K ₂ O	%	0.55
9	SO ₃	%	0.45
11	Loss on ignition	%	1.65

3. Expected qualification of the Bidders

- 3.1 The bidder must have experience in the process of handling of fly ash in dry/ wet mode.
- 3.2 Adequate financial soundness with Rs. 15 Crore or more turn over on an average in the last three financial years (2014-15,2015-16 & 2016-17),
- 3.3 The party must have a minimum experience of 7 years in fly ash utilization/ evacuation (to be calculated from the date of submission of

EOI).

- 3.4 The party must have an annual average utilization of 1,00,000 MT of fly ash (selling the ash to others will be treated as utilization) in the last three years (2014-15,2015-16 & 2016-17).
- 3.5 Detailed project report (DPR) for execution of the proposed work in long term agreement basis, draft memorandum of understanding (MoU) with WBPDCCL, supporting documentary evidences along with the offer in Company's letter head as a proof of above criteria must be submitted along with the proposal. The DPR should mention minimum time for which the agreement is required and maximum time required to start operation.
- 3.6 While the agreement will be made for a specified term, it may be renewed further on satisfactory performance of the bidder and on revised terms and conditions.
- 3.7 Bidder need to submit the requisite documents as proof to meet the above eligibility criteria

4. Facilities to be extended by WBPDCCL

- 4.1 LAND: Land for setting up the bagging machines and in-plant railway network is available with WBPDCCL. WBPDCCL shall allow the successful bidder to use the land required for the purpose of bagging and transportation of ash through railway rakes.
- 4.2 Water and electricity required for operation will be provided by WBPDCCL. However the charges thereof will be recovered from the bidder as actual.

- 4.3 All other materials, facilities required for setting up the bagging machines and operation of the same has to be arranged by the bidder.
- 4.4 The bidder has to arrange for collection and transport of ash from the silos to the bagging facility at its own cost.
- 4.5 The WBPDCCL will extend all institutional helps in getting requisite clearance from the statutory authorities (viz. in respect of pollution, railway etc.), But all application and persuasion of the same to be arranged by the bidder.

5. Scope

- 5.1 The WBPDCCL invites this Expression of Interest for establishment of ash bagging machine having capacity of at least 100 MT per hour and the entire facility (bagging & transportation through railway) must have a utilization capacity of 25,000 MT of fly ash per month. The WBPDCCL will enter into long terms agreement viz., memorandum of understanding (MoU) with the selected party on certain terms and conditions. The exact period of agreement and exact terms and conditions will be communicated later during the tender phase.
- 5.2 The successful bidder shall arrange for installation and running of ash bagging machines along with necessary railway infrastructure (viz. rail lines/ loop, platform for loading etc.) at SgTPP unit of WBPDCCL at his own cost.
- 5.3 Necessary statutory clearances for installation and running of ash bagging

- machine at SgTPP have to be obtained by the bidder. The bidder shall also obtain necessary clearance from railway authority/ and other statutory body(ies) for construction railway infrastructure and operation thereto. WBPDCCL will extend all intuitional helps in this matter.
- 5.4 The bidder should inspect the sites at SgTPP and should confirm himself about the location, available land and facilities and parameters of the fly ash to be provided by WBPDCCL. The parameters of fly ash as mentioned in this notice are representative and WBPDCCL is not anyway responsible for any change of the properties of fly ash.
- 5.5 After expiry of the agreement period, the bidder shall handover all the facilities developed by him in the plant area to the Plant Authority on as is where basis without any charge is.

6. Application for Expression of Interest (EOI)

- 6.1 All applications for EOI should be addressed to :
- The General Manager (M&C)
The West Bengal Power Development Corporation Limited,
Bidyut Unnayan Bhaban, Plot No. – 3/C, Block – LA,
Sector – III, Salt Lake City, Kolkata – 700 098
- 6.2 The EOI should reach the above address latest by 03/01/2018. Submission of documents to be made only in hard copy. The documents may be submitted by person/ couriers/ by post within the stipulated date and time. In case of any delay in submission due to courier/ postal service, WBPDCCL will not be held responsible. **SUBMISSION IN ANY OTHER MODE (FAX/ EMAIL) WILL NOT BE ENTERTAINED.**

6.3 Bidding firm details:

Name of the Bidding Firm	
Registered office address	
Head Quarters Address	
Name of Managing Director/CEO	
Contact Details of Managing Director/CEO	
Name and Designation of Authorized Signatory for this EOI	
Contact details of Authorized Signatory for this EOI	
Details of Business owned by the firm	
Turn over for last three years	

6.4 Enclose audited annual report for the last three (03) years showing financial results.

6.5 Details of the organization with CIN No., GST No., PAN No., Provident Fund Account No., ESI Code No., Shareholding pattern

6.6 Please indicate your plan with the proposed ash bagging machine & railway and other infrastructure, if any to be set up.

6.7 Please enclose any other relevant document to establish the eligibility criteria.

6.8 Interested parties are requested to see the terms and conditions of the Offer. The EOI with details shall be submitted in sealed envelopes in the enclosed format.

- 6.9 Shortlisted bidder(s) is required to make a presentation before the WBPDCCL.
- 6.10 After completion of the EOI process, tender on this issue will be floated with specific scope and terms and conditions. Shortlisted bidders of EOI process will be allowed to participate in the tender process subject to fulfillment of tender criteria.
- 6.11 During the tender process eligible bidder who quotes the highest price for ash will be selected.

7. Other Terms & Conditions

- 7.1 WBPDCCL reserves the right to close/ cancel this Expression of Interest at any stage without assigning any reason what so ever.
- 7.2 The submissions of the EOI document do not in any way commit or otherwise oblige WBPDCCL to proceed with accepting the EOI.
- 7.3 WBPDCCL reserves the right to shortlist by the way of evaluation criteria determined internally in alignment with its strategic needs. However, the basic parameters for evaluation will be the experience in the relevant field and technical & financial capacity of the bidder.
- 7.4 Each bidder is responsible and liable for all costs, expenses and liabilities incurred by it in connection with or incidental to the submission of Expression of Interest.
- 7.5 WBPDCCL will have no role in the bagging, transporting and marketing /utilizing of the fly ash. This will be the sole responsibility of the bidder.

8. Site visit

Any bidder who requires to visit the site shall make own arrangement for the same. Any clarification/ information required to be known to the bidder may be sent by email to rsinha@wbpdcl.co.in. For site visit Mr. R. Sinha, (Contact No.: 033 23393365) should be contacted beforehand. Site visit has to be done during the period **13/12/2017 (start date) to 03/01/2018 (End date)**.