



**TALWANDI SABO POWER LIMITED**

**Tender Specification No.**

**TN/16/TSPL/PELLET/2023-24/R2**

**Addendum-2**

**BIDDING DOCUMENT**

**FOR**

**SUPPLY OF AGRO BASED RESIDUE BIOMASS TORREFIED  
PELLETS (SHORT TERM)**

**To**

**Talwandi Sabo Power Limited, Mansa,  
Punjab**

**1<sup>st</sup> December 2023**

\*This document can be amended at the discretion of TSPL (if needed).

## Addendum-2

***Below is the addendum with respect to Tender Document dated 4<sup>th</sup> November'23 for "Bidding Document for supply of Agro based Residue Biomass Torrefied Pellets (Short Terms) for Talwandi Sabo Power Limited.***

<b>Sr. No.</b>	<b>Clause</b>	<b>As mentioned in Tender Document</b>	<b>Addendums:</b>
1.	<b>Clause No: 4, Page No: -6</b>  <b>QUANTITY DETERMINATION:</b>	4.1 Weighment of trucks shall be carried out on Weighbridges (for tare and gross) at TSPL Plant. Net weight = Gross weight less the tare weight as measured at TSPL Weighbridge (WB). The Bidder may witness weighment of trucks once in 30 days, TSPL representative will accompany the Bidder's representative when any such visit is carried out. Bidder shall intimate TSPL via e-mail at least two days in advance about the date of such visit.	4.1 Weighment of trucks shall be carried out on Weighbridges (for tare and gross) at TSPL Plant. Net weight = Gross weight less the tare weight as measured at TSPL Weighbridge (WB). The Bidder may witness weighment of trucks once in 15 days, TSPL representative will accompany the Bidder's representative when any such visit is carried out. Bidder shall intimate TSPL via e-mail at least two days in advance about the date of such visit.
2.	<b>Clause No: 5, Page No: -7</b>  <b>QUALITY DETERMINATION:</b>	5.1 TSPL will carry out the sampling, preparation and testing of supplied torrefied pellets at TSPL Power Plant as per the provisions of either BIS/ASTM/ISO. TSPL will carry out the sampling and testing process as per the relevant BIS/ASTM/ISO standard for sampling from the consignment received in a day.  5.2 TSPL at its own discretion will conduct the HGI testing for the selective consignment.	5.1 TSPL will carry out the sampling, preparation and testing of supplied torrefied pellets at TSPL Power Plant as per the provisions of either BIS/ASTM/ISO. TSPL will carry out the sampling and testing process as per the relevant BIS/ASTM/ISO standard for sampling from the consignment received in a day for each supplier separately.  5.2 TSPL at its own discretion will conduct the HGI testing for the selective consignment at TSPL power plant.

	<p>5.4 The Contractor's representative will have the option to witness the sample collection, preparation, testing of main sample and final packing of the reserve sample through CCTV real time footage (following coverage locations). Any dispute related to sampling, preparation and analysis activity has to be raised strictly within 48 hours of the respective activity. Further any dispute related to test results may be raised strictly within 5 days of the declaration of the results by TSPL. The dispute is to be registered / raised through email/ letter to TSPL, in case the prescribed format is not adhered to the claim for reserve sample testing will not be entertained. The disputes with respect to sampling and testing may be entertained only if backed up by logical and justifiable reasons. Frivolous/repeated disputes may invite penal action by TSPL.</p> <p>5.17 To prevent misuse of the facility by disputing the majority of results of the lot, Power Plant will abort this reserve testing process in case if the reserve sample results (first two) are within the repeatability limits (as per BIS 1350) from original results. In this case, original results will be considered for payment purposes.</p>	<p>5.4 The Contractor's representative will have the option to witness the sample collection, preparation, testing of main sample and final packing of the reserve sample through CCTV real time footage (following coverage locations). Any dispute related to sampling, preparation and analysis activity has to be raised strictly within 48 hours of the respective activity. Further any dispute related to test results may be raised strictly within 7 days of the declaration of the results by TSPL. The dispute is to be registered / raised through email/ letter to TSPL, in case the prescribed format is not adhered to the claim for reserve sample testing will not be entertained. The disputes with respect to sampling and testing may be entertained only if backed up by logical and justifiable reasons. Frivolous/repeated disputes may invite penal action by TSPL.</p> <p>5.17 To prevent misuse of the facility by disputing the majority of results of the lot, Power Plant will abort this reserve testing process for a period of 7 days, in case if the reserve sample results (first two) are within the repeatability limits (as per BIS 1350) from original results. In this case, original results will be considered for payment purposes.</p>
--	---	---

3.

Clause No: 7,  
Page No: -12

**QUALITY  
DETERMINATION:**

**7.1 Technical Specification for Agro residue based Torrefied pellets (Table 1)**

S No.	Technical Data	Unit	Specification for torrefied pellets
1	Base Material	NA	Agro Residue/Crop Residue (wood-based pellets will not be acceptable)
2	Dimensions Diameter	Mm	In case of cylindrical shape: Diameter: Not more than 25-30 mm Length: Random
3	Fines% (Length< 3mm)	Weight%	Fines ≤ 5%
4	Moisture (ARB*)	Weight%	Not more than 14% (≤ 14%)
5	Gross Calorific Value	Kcal/Kg	To be quoted by the bidder (not less than 3400 (ARB) Kcal/Kg)
6	Volatile Matter shall be below 22%	Weight%	Volatile matter below 22%

**7.2 Penalty / Adjustment**

Computation for penalty / adjustment for the consignments (all the trucks) received in a Day shall be done.....

**7.2.2 Recovery on account of excess fine in consignment**

Biomass dust, crushed/ broken/ damaged torrefied pellets of length less than 3 mm in consignment as received at TSPL site shall be treated as fines and there shall be recovery on account of excess fines (ARB) if it is beyond 5%.

**7.1 Technical Specification for Agro residue based Torrefied pellets (Table 1)**

S No.	Technical Data	Unit	Specification for torrefied pellets
1	Base Material	NA	Agro Residue/Crop Residue (wood-based pellets will not be acceptable)
2	Dimensions Diameter	Mm	In case of cylindrical shape: Diameter: Not more than 25-30 mm Length: Random
3	Fines% (Length< 3mm)	Weight%	Fines ≤ 5%
4	Moisture (ARB*)	Weight%	Not more than 14% (≤ 14%)
5	Gross Calorific Value	Kcal/Kg	To be quoted by the bidder (not less than 3400 (ARB) Kcal/Kg)
6	Volatile Matter shall be below 22%	Weight%	Volatile matter below 22%
7	Bulk Density	Kg/m3	Not less than 600
8	Hard Groove Grindability Index (HGI)		Not less than 50

**7.2 Penalty / Adjustment**

Computation for penalty / adjustment for the consignments (all the trucks) received in a Day shall be done for each supplier separately.....

**7.2.2 Recovery on account of excess fine in consignment**

Biomass dust, crushed/ broken/ damaged torrefied pellets of length less than 3 mm in consignment as received at TSPL site shall be treated as fines and there shall be recovery on account of excess fines (ARB) if it is beyond 5%.

4.	<p><b>Clause No: 8,</b> <b>Page No: -16</b></p> <p><b><i>QUALIFICATION REQUIREMENTS:</i></b></p>	<p>The recovery on account of excess fines will be worked out as per the following formula. Recovery = (Adjusted price of Biomass pellets) X W X (Actual Weight % of fines beyond 5%)  “W” - Weight of consignment as received,  However, there shall be no additional payment to vendor if fines are less than 5%.</p> <p>Illustration:  Adjusted Price of Biomass Pallets: 5000 RS/MT  W = 100 MT  Fines % in Consignment: 6%  Allowable Fines %: 5%  % Fines beyond allowable limits: 6-5=1%  Recovery: 5000 x 100 x (100%-1%) =5000 x 100 x 99% = 4,95,000</p> <p><b>8.a EARNEST MONEY:</b>  The bidders are required to deposit the <b>Earnest Money of INR 5000 per MTPD per year of supply period</b> through RTGS/NEFT in bank account of Talwandi Sabo Power Limited, the validity of the earnest money shall be three months from the Tender opening date. In case of tenders of unsuccessful bidders, the earnest money shall be refunded within 7 days of the award of order/contract or after the expiry of validity period of the bids, whichever is earlier.</p>	<p>The recovery on account of excess fines will be worked out as per the following formula. Recovery = (Adjusted price of Biomass pellets) X W X (Actual Weight % of fines beyond 5%)  “W” - Weight of consignment as received,  However, there shall be no additional payment to vendor if fines are less than 5%.</p> <p>Illustration:  Adjusted Price of Biomass Pallets due to GCV: 5000 RS/MT  W = 100 MT  Fines % in Consignment: 6%  Allowable Fines %: 5%  % Fines beyond allowable limits: 6-5=1%  Recovery: 5000 x 100 x (1%) =5000 = 5,000</p> <p><b>8.a EARNEST MONEY:</b>  The bidders are required to deposit the <b>Earnest Money of INR 5000 per MTPD per year of supply period</b> through RTGS/NEFT in bank account of Talwandi Sabo Power Limited, the validity of the earnest money shall be three months from the Tender opening date. In case of tenders of unsuccessful bidders, the earnest money shall be refunded within 7 days of the award of order/contract or after the expiry of validity period of the bids, whichever is earlier.</p>
----	--	---	--

5.	<p><b>Clause No: 12,</b> <b>Page No: -18</b></p> <p><b><i>BILLING AND PAYMENT TERMS:</i></b></p>	<p><b>Beneficiary Details:</b> Beneficiary Name: Talwandi Sabo Power Limited Account No. : 35216862121 Centre (Location): Mumbai Bank: State Bank of India Branch: CAG Branch, Mumbai Account Type: Cash Credit IFSC Code: SBIN0016376</p> <p>Example: Quoted Quantity (MTPD) by bidder: 100 MT Supply Period: 5 Years EMD: 5000 x 100 x 5 = 25,00,000</p> <p>The Contractor shall submit the bills on Batch basis in triplicate for the Material received in a calendar month at TSPL Plant...</p> <p>12.3 The eligible payments shall be released after adjusting various penalties/ recoveries/ other adjustments as per the following procedure:</p> <p>a) TSPL shall release the 75% payment against undisputed invoice through EFT (Electronic Fund Transfer) for the quantity received in a Batch as admissible, within seven (7) working days from the date of receipt of such invoices (complete in all respects as determined solely by TSPL) as per the</p>	<p><b>Beneficiary Details:</b> Beneficiary Name: Talwandi Sabo Power Limited Account No. : 35216862121 Centre (Location): Mumbai Bank: State Bank of India Branch: CAG Branch, Mumbai Account Type: Cash Credit IFSC Code: SBIN0016376</p> <p>Example: Quoted Quantity (MTPD) by bidder: 100 MT Supply Period: 1 Years EMD: 5000 x 100 x 1 = 5,00,000</p> <p>The Contractor shall submit the bills on Batch basis in triplicate for the Material received in a fortnight (15 days) at TSPL Plant...</p> <p>12.3 The eligible payments shall be released after adjusting various penalties/ recoveries/ other adjustments as per the following procedure:</p> <p>a) TSPL shall release the 75% payment against undisputed invoice through EFT (Electronic Fund Transfer) for the quantity received, within seven (7) working days from the date of receipt of such invoices (complete in all respects as determined solely by TSPL) as per the detail mentioned in 12.2 at the TSPL's designated office(s) located at the TSPL Power Plant.</p>
----	--	--	--

6.	<b>Clause No: 25,</b> <b>Page No: -23</b>  <b><i>CRITICAL DATES FOR BIDDING PROCESS:</i></b>	detail mentioned in 12.2 at the TSPL's designated office(s) located at the TSPL Power Plant.																																																																	
		<table border="1"> <thead> <tr> <th>S. No</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Availability of bid document on TPSL website</td> <td>06-Nov-23</td> </tr> <tr> <td>2</td> <td>Last date for submitting tender related queries</td> <td>09-Nov-23</td> </tr> <tr> <td>3</td> <td>Response to bidder's queries</td> <td>10-Nov-23</td> </tr> <tr> <td>4</td> <td>Commencement of submission of bid (Online ARIBA)</td> <td>07-Nov-2023 10:00 Hrs.</td> </tr> <tr> <td>5</td> <td>Last date for site visit and pre bid meeting</td> <td>On or before 10 Nov 2023 17:00hrs</td> </tr> <tr> <td>6</td> <td>Last date for submission of EMD</td> <td>29 Nov-2023 17:00 Hrs.</td> </tr> <tr> <td>7</td> <td>Last date &amp; time for submission of bids (technical + commercial)</td> <td>29 Nov-2023 17:00 Hrs.</td> </tr> <tr> <td>8</td> <td>Bid opening Date (Technical)</td> <td>30 Nov 2023 11:00 Hrs.</td> </tr> <tr> <td>9</td> <td>Bid Opening Date (Commercial)</td> <td>30 Nov 2023 12:30 Hrs.</td> </tr> <tr> <td>10</td> <td>Reverse Auction (time to be intimated to successful bidders)</td> <td>30-Nov-23</td> </tr> </tbody> </table>	S. No	Description	Date	1	Availability of bid document on TPSL website	06-Nov-23	2	Last date for submitting tender related queries	09-Nov-23	3	Response to bidder's queries	10-Nov-23	4	Commencement of submission of bid (Online ARIBA)	07-Nov-2023 10:00 Hrs.	5	Last date for site visit and pre bid meeting	On or before 10 Nov 2023 17:00hrs	6	Last date for submission of EMD	29 Nov-2023 17:00 Hrs.	7	Last date & time for submission of bids (technical + commercial)	29 Nov-2023 17:00 Hrs.	8	Bid opening Date (Technical)	30 Nov 2023 11:00 Hrs.	9	Bid Opening Date (Commercial)	30 Nov 2023 12:30 Hrs.	10	Reverse Auction (time to be intimated to successful bidders)	30-Nov-23	<table border="1"> <thead> <tr> <th>S. No</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Availability of bid document on TPSL website</td> <td>06-Nov-23</td> </tr> <tr> <td>2</td> <td>Last date for submitting tender related queries</td> <td>09-Nov-23</td> </tr> <tr> <td>3</td> <td>Response to bidder's queries</td> <td>10-Nov-23</td> </tr> <tr> <td>4</td> <td>Commencement of submission of bid (Online ARIBA)</td> <td>07-Nov-2023 10:00 Hrs.</td> </tr> <tr> <td>5</td> <td>Last date for site visit and pre bid meeting</td> <td>On or before 10 Nov 2023 17:00hrs</td> </tr> <tr> <td>6</td> <td>Last date for submission of EMD</td> <td>06-Dec-2023 17:00 Hrs.</td> </tr> <tr> <td>7</td> <td>Last date &amp; time for submission of bids (technical + commercial)</td> <td>06-Dec-2023 17:00 Hrs.</td> </tr> <tr> <td>8</td> <td>Bid opening Date (Technical)</td> <td>07 Dec 2023 11:00 Hrs.</td> </tr> <tr> <td>9</td> <td>Bid Opening Date (Commercial)</td> <td>07 Dec 2023 12:30 Hrs.</td> </tr> <tr> <td>10</td> <td>Reverse Auction (time to be intimated to successful bidders)</td> <td>07 Dec 2023, Time to be intimated</td> </tr> </tbody> </table>	S. No	Description	Date	1	Availability of bid document on TPSL website	06-Nov-23	2	Last date for submitting tender related queries	09-Nov-23	3	Response to bidder's queries	10-Nov-23	4	Commencement of submission of bid (Online ARIBA)	07-Nov-2023 10:00 Hrs.	5	Last date for site visit and pre bid meeting	On or before 10 Nov 2023 17:00hrs	6	Last date for submission of EMD	06-Dec-2023 17:00 Hrs.	7	Last date & time for submission of bids (technical + commercial)	06-Dec-2023 17:00 Hrs.	8	Bid opening Date (Technical)	07 Dec 2023 11:00 Hrs.	9	Bid Opening Date (Commercial)	07 Dec 2023 12:30 Hrs.	10
S. No	Description	Date																																																																	
1	Availability of bid document on TPSL website	06-Nov-23																																																																	
2	Last date for submitting tender related queries	09-Nov-23																																																																	
3	Response to bidder's queries	10-Nov-23																																																																	
4	Commencement of submission of bid (Online ARIBA)	07-Nov-2023 10:00 Hrs.																																																																	
5	Last date for site visit and pre bid meeting	On or before 10 Nov 2023 17:00hrs																																																																	
6	Last date for submission of EMD	29 Nov-2023 17:00 Hrs.																																																																	
7	Last date & time for submission of bids (technical + commercial)	29 Nov-2023 17:00 Hrs.																																																																	
8	Bid opening Date (Technical)	30 Nov 2023 11:00 Hrs.																																																																	
9	Bid Opening Date (Commercial)	30 Nov 2023 12:30 Hrs.																																																																	
10	Reverse Auction (time to be intimated to successful bidders)	30-Nov-23																																																																	
S. No	Description	Date																																																																	
1	Availability of bid document on TPSL website	06-Nov-23																																																																	
2	Last date for submitting tender related queries	09-Nov-23																																																																	
3	Response to bidder's queries	10-Nov-23																																																																	
4	Commencement of submission of bid (Online ARIBA)	07-Nov-2023 10:00 Hrs.																																																																	
5	Last date for site visit and pre bid meeting	On or before 10 Nov 2023 17:00hrs																																																																	
6	Last date for submission of EMD	06-Dec-2023 17:00 Hrs.																																																																	
7	Last date & time for submission of bids (technical + commercial)	06-Dec-2023 17:00 Hrs.																																																																	
8	Bid opening Date (Technical)	07 Dec 2023 11:00 Hrs.																																																																	
9	Bid Opening Date (Commercial)	07 Dec 2023 12:30 Hrs.																																																																	
10	Reverse Auction (time to be intimated to successful bidders)	07 Dec 2023, Time to be intimated																																																																	

**Note:** - All other terms & conditions as per the original Tender Document dated 4<sup>th</sup> Nov'23 remain unchanged.