



**TALWANDI SABO POWER LIMITED**

**Tender Specification No.**

**TN/2/TSPL/PELLET/2024-25/R1**

**Addendum-1**

**BIDDING DOCUMENT**

**FOR**

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

**To**

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

**17<sup>th</sup> May 2024**

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

**Addendum-1**

***Below is the addendum with respect to Tender Document dated 14<sup>th</sup> May'24 for "Bidding Document for supply of Agro based Residue Biomass Torrefied Pellets (Short Terms) for Talwandi Sabo Power Limited.***

Sr. No.	Clause	As mentioned in Tender Document	Addendums:
1.	<p><b>Clause No: 2,</b> <b>Page No: -4</b></p> <p><b>SCOPE OF SUPPLY:</b></p>	<p>Note:</p> <p>** It is mandatory to use 50% of the raw material to be used for manufacturing of torrefied biomass pellets should be stubble/straw/crop residue of rice paddy crop. Further, entire 100% quantity of this stubble/straw/crop residue of rice paddy should be sourced by the vendor from Punjab state only. Contractors will be required to provide documents in the form of a certificate from state authority regarding such lifting/sourcing as evidence along with monthly bills.</p>	<p>Note:</p> <p>** It is mandatory to use 50% of the raw material to be used for manufacturing of torrefied biomass pellets should be stubble/straw/crop residue of rice paddy crop. Further, entire 100% quantity of this stubble/straw/crop residue of rice paddy should be sourced from Punjab state only. Contractors will be required to provide documents in the form of a certificate from state authority regarding such lifting/sourcing as evidence along with monthly bills.</p>
2.	<p><b>Clause No: 7.2.1, Page No: -13</b></p> <p><b>PRICE ADJUSTMENT FOR GROSS</b></p>	<p>Contractor is required to quote GCV (ARB) of torrefied pellets within the range as mentioned below: Contractor is required to submit the price bid for base GCV of 4000 kcal/kg with +/- 200 Kcal/kg variation. <b>Upward pro-rata price adjustment from GCV ARB 4200 till 5000 Kcal/kg shall be done for GCV variation of supplies as per following formula:</b></p>	<p>Contractor is required to quote GCV (ARB) of torrefied pellets within preferable limit from 3400 Kcal/Kg &amp; above to maximum limit of 5000 Kcal/Kg. (Acceptable limit) If a consignment of agro residue-based pellets does not meet the guaranteed parameters for Gross Calorific Value (ARB) but is within the acceptable limit, the consignment shall be accepted but with pro-rata <b>upward or</b></p>

***CALORIFIC  
VALUE (GCV):***

Adjusted Price= [Quoted Price X Actual GCV(ARB)]/Quoted GCV(ARB)  
Upward price adjustment shall be done maximum up to 5000 kcal/kg GCV (ARB), beyond this value, upward price adjustment shall not be done even if Contractor supplies torrefied pellets/briquettes of higher GCV.  
For downward GCV variation from 3800 Kcal/kg till 3401 Kcal/kg, price adjustment shall be done for GCV variation of supplied Material as per following table:

ARB GCV 3801-4200 Kcal/kg	Equals Quoted Price (No Penalty/ Bonus)
ARB GCV 3701-3800 Kcal/kg	0.95 * Quoted Price
ARB GCV 3601-3700 Kcal/kg	0.90 * Quoted Price
ARB GCV 3501-3600 Kcal/kg	0.85 * Quoted Price
ARB GCV 3401-3500 Kcal/kg	0.80 * Quoted Price

For downward GCV variation from 3400 Kcal/kg, pro rata price adjustment shall be done for GCV variation of supplied Material as per following formula:

- a) For GCV less than 3400 Kcal/Kg & more than or equal to 3000 Kcal/Kg, Adjusted Price= 0.75 X (Quoted Price X Actual GCV(ARB))/Quoted GCV(ARB))  
b) For GCV less than or equal to 3000 Kcal/Kg & more than or equal to 2600 Kcal/Kg,

Adjusted Price= 0.50 X (Quoted Price X Actual GCV(ARB))/Quoted GCV(ARB))

- c) For GCV less than 2600 Kcal/Kg, the consignment shall be rejected, and no payment shall be made for the already delivered and/or consumed Material.

**downward price adjustment as calculated using the following formula:**

**Adjusted price = [Quoted price\*x Actual GCV (ARB)]/Quoted GCV (ARB)**

Upward price adjustment shall be done maximum up to 5000 kcal/kg GCV (ARB), beyond this value, upward price adjustment shall not be done even if Contractor supplies torrefied pellets/briquettes of higher GCV.

For downward GCV variation from 3400 Kcal/kg, pro rata price adjustment shall be done for GCV variation of supplied Material as per following formula:

- a) For GCV less than 3400 Kcal/Kg & more than or equal to 3000 Kcal/Kg,

Adjusted Price= 0.75 X (Quoted Price X Actual GCV(ARB))/Quoted GCV(ARB))

- b) For GCV less than or equal to 3000 Kcal/Kg & more than or equal to 2600 Kcal/Kg,

Adjusted Price= 0.50 X (Quoted Price X Actual GCV(ARB))/Quoted GCV(ARB))

- c) For GCV less than 2600 Kcal/Kg, the consignment shall be rejected, and no payment shall be made for the already delivered and/or consumed Material.

	<p>In case, Contractor frequently supplies Material of GCV less than 2600 Kcal/Kg or deviates from the technical parameters, warning letter shall be issued to the Contractor or Contract may be cancelled, if Contractor continues to do so even after issuing warning letter.</p> <p><b>Illustration I:</b>  Quoted Price- Rs 5000/MT (FOR Basis) Quoted GCV- 4000 Kcal/Kg  Actual GCV- 3800 Kcal/Kg  Adjusted Price- <math>0.95 \times 5000 = \text{Rs } 4750/\text{MT}</math> (FOR Basis)</p> <p><b>Illustration II:</b>  Quoted Price- Rs 5000/MT (FOR Basis) Quoted GCV- 4000 Kcal/Kg  Actual GCV- 3300 Kcal/Kg  Adjusted Price- <math>0.75 \times [5000 \times 3300]/4000 = \text{Rs } 3093.75/\text{MT}</math> (FOR Basis)</p> <p><b>Illustration III:</b>  Quoted Price- Rs 5000/MT (FOR Basis) Quoted GCV- 4000 Kcal/Kg  Actual GCV- 2900 Kcal/Kg  Adjusted Price- <math>0.50 \times [5000 \times 2900]/4000 = \text{Rs } 1812.50/\text{MT}</math> (FOR Basis)</p>	<p>In case, Contractor frequently supplies Material of GCV less than 2600 Kcal/Kg or deviates from the technical parameters, warning letter shall be issued to the Contractor or Contract may be cancelled, if Contractor continues to do so even after issuing warning letter.</p> <p><b>Illustration I:</b>  Quoted Price- Rs 5000/MT (FOR Basis)  Quoted GCV- 4000 Kcal/Kg  Actual GCV- 3600 Kcal/Kg  Adjusted Price- <math>[5000 \times 3600]/4000 = \text{Rs } 4500/\text{MT}</math> (FOR Basis)</p> <p><b>Illustration II:</b>  Quoted Price- Rs 5000/MT (FOR Basis)  Quoted GCV- 4000 Kcal/Kg  Actual GCV- 3300 Kcal/Kg  Adjusted Price- <math>0.75 \times [5000 \times 3300]/4000 = \text{Rs } 3093.75/\text{MT}</math> (FOR Basis)</p> <p><b>Illustration III:</b>  Quoted Price- Rs 5000/MT (FOR Basis)  Quoted GCV- 4000 Kcal/Kg  Actual GCV- 2900 Kcal/Kg  Adjusted Price- <math>0.50 \times [5000 \times 2900]/4000 = \text{Rs } 1812.50/\text{MT}</math> (FOR Basis)</p>
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3.	<p><b>Clause No: 16,</b>  <b>Page No: -22</b>  <b>REVERSE AUCTION:</b></p>	<p>After opening of Price Bid, Reverse Auction shall be carried out. Following procedure and terms &amp; conditions shall be applicable for which reverse auction is to be carried out:</p> <ul style="list-style-type: none"> <li>• Selection of Bidders for reverse bidding: All the Qualified Bidders</li> </ul> <p>In reverse Bidding, Bidder shall quote the price.  Reverse bidding start price: The lowest price Rs/MT/GCV discovered during close bidding shall be the opening price (start price for reverse bidding). Projection of opening price on the screen shall initiate the reverse bidding process, which shall be conducted on ARIBA portal.  Bidders shall be required to submit their acceptance to the stipulated terms &amp; conditions before participating in the reverse auction.  Online reverse auction shall be conducted by TSPL in the presence of PSPCL team on pre-specified date and time for duration of 1 Hour.  Decrement value: Rs. 0.01 Rs/MT/GCV or higher (in multiples of Rs/MT/GCV).  Bidder may become 'L1 Bidder' by offering a price lower than the 'next valid Bid' and this shall continue as an iterative process.  During reverse bidding, if no Bid is received within the specified time, then the L1 Price Bid already discovered during the price bid opening shall be the closing price (CP) for the reverse bidding.</p>	<p>After opening of Price Bid, Reverse Auction shall be carried out. Following procedure and terms &amp; conditions shall be applicable for which reverse auction is to be carried out:</p> <ul style="list-style-type: none"> <li>• Selection of Bidders for reverse bidding: All the Qualified Bidders</li> </ul> <p>In reverse Bidding, Bidder shall quote the price.  Reverse bidding start price: The lowest price Rs/MT/GCV discovered during close bidding shall be the opening price (start price for reverse bidding). Projection of opening price on the screen shall initiate the reverse bidding process, which shall be conducted on ARIBA portal. Bidders shall be required to submit their acceptance to the stipulated terms &amp; conditions before participating in the reverse auction.  Online reverse auction shall be conducted by TSPL in the presence of PSPCL team on pre-specified date and time for duration of 1 Hour.  Decrement value: Rs. 0.01 Rs/MT/GCV or higher (in multiples of Rs/MT/GCV).  Bidder may become 'L1 Bidder' by offering a price lower than the 'next valid Bid' and this shall continue as an iterative process.  During reverse bidding, if no Bid is received within the specified time, then the L1 Price Bid already discovered during the price bid opening shall be the closing price (CP) for the reverse bidding.  After Completion of online Reverse Auction, the Closing Price (CP) shall be considered as L1 rate.</p>
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	<p>After Completion of online Reverse Auction, the Closing Price (CP) shall be considered as L1 rate.</p> <p>TSPL reserves the right to negotiate with the Bidders (after reverse bidding) in consultation with PSPCL, as follows. After negotiations with L1 Bidder, discussion may be carried out with L2, L3, L4....., Bidders in the order of their merit position to match L1 rates, so as to ensure the continuity of supplies to TSPL and to fulfil the quantity required by TSPL.</p> <p>The quantity allotment will be done on the basis of the "Zone of Consideration", which means the first 50% of the eligible number of Bidders in the order of their merit of lowest rates (which shall be rounded off to the next higher number in case of off numbers of Bidders). In case the sum of the offered quantities for which orders can be placed upon 50% of the eligible Bidders is less than the required quantity, then the "Zone of Consideration" shall extend up to the Bidder where the sum of the offered quantities for which orders are to be placed becomes equal to the required quantity or sum of the ordered quantities by all eligible bidders, whichever is less. In case of only two numbers of participating Bidders, the "Zone of Consideration" may extend to both Bidders.</p>	<p>TSPL reserves the right to negotiate with the Bidders (after reverse bidding) in consultation with PSPCL. After negotiations with L1 Bidder, discussion will be carried out with all other bidders to match the L1 rates. In case a Bidder does not match the L1 rate, no allocation will be given to them.</p> <p>The quantity allotment will be done on the basis of the "Zone of Consideration",</p> <p>"Zone of consideration" means first 50% of the eligible number of Bidders in the order of their merit of lowest rates, which shall be rounded off to the next higher number in case of odd number of Bidders. In case the sum of the offered quantities/ quantities for which orders can be placed upon 50% of the eligible Bidders is less than the required quantity, then the "Zone of consideration" shall extend up to the Bidder where the sum of the offered quantities/ quantities for which orders are to be placed becomes equal to the required quantity or sum of the offered quantities by all the eligible Bidders, whichever is less. In case of only two numbers of participating eligible Bidders, "Zone of consideration" may extend to both the Bidders."</p>
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<b>4.</b>	<b>Clause No: 27, Page No: -25 CRITICAL DATES FOR BIDDING PROCESS:</b>	<b>S. No</b>	<b>Description</b>	<b>Date</b>	<b>S. No</b>	<b>Description</b>	<b>Date</b>
		1	Publication of EoI in Newspapers	02-May-24	1	Publication of EoI in Newspapers	02-May-24
		1	Date of availability of bid document at TSPL website	14-May-24	1	Date of availability of bid document at TSPL website	14-May-24
		2	Last date for submitting tender related queries	20-May-24	2	Last date for submitting tender related queries	20-May-24
		3	Response to bidder's queries	21-May-24	3	Response to bidder's queries	21-May-24
		4	Commencement of submission of bid (online - ARIBA)	15 May-2024 11:00 Hrs.	4	Commencement of submission of bid (online - ARIBA)	15 May-2024 11:00 Hrs.
		5	Last date for site visit and pre bid meeting	On or before 20 May 2024	5	Last date for site visit and pre bid meeting	On or before 27 May 2024
		6	Last date for submission of EMD	27 May-2024 17:00 Hrs.	6	Last date for submission of EMD	04 Jun-2024 17:00 Hrs.
		7	Last date & time for submission of bids (technical + commercial)	27 May-2024 17:00 Hrs.	7	Last date & time for submission of bids (technical + commercial)	04 Jun-2024 17:00 Hrs.
		8	Bid opening Date (Technical)	28 May 2024 11:00 Hrs.	8	Bid opening Date (Technical)	05 June 2024 11:00 Hrs.
9	Bid opening Date (Commercial)	28 May 2024 15:00 Hrs.	9	Bid opening Date (Commercial)	05 June 2024 15:00 Hrs.		
10	Reverse Auction (time to be intimated to successful bidders)	28-May-24	10	Reverse Auction (time to be intimated to successful bidders)	05-Jun-24		

**Note:** - All other terms & conditions as per the original Tender Document dated 14<sup>th</sup> May'24 remain unchanged.