

Corrigendum to NIT No. ST/EDA/9.5MW/Sewa/62/2017/3433 dated 18.10.2017 for Request for Proposal (RFP) for Engineering, Procurement & Construction package of Sewa-1 (2 X 4.75 MW) Small Hydro Electric Project

Sl No.	Clause No.	Current Clause	Amendment/Addendum																																																
1	Volume 1 (Clause 21.1)	The Bid shall be accompanied by a Bid Security for an amount of INR 10 Lakh / MW (INR Ten Lakh per MW)	The Bid shall be accompanied by a Bid Security for an amount of INR 10 Lakh (INR Ten Lakh). Beneficiary Bank details are indicated below: (i) Beneficiary Bank :- J&K Bank Ltd. (ii) Branch :- Moving Secretariat Srinagar / Jammu (iii) IFSC Code:-JAKA0Moving (iv) MICR Code:- 180051012																																																
2	SCC for Planning, Design & Engineering – 5.2 (A)	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Performance/ Period of Payment</th> <th>Payment</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Overall Planning Report</td> <td></td> </tr> <tr> <td>i.</td> <td>First installment due three months after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.</td> <td>35% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td>ii.</td> <td>Second installment upon submission of the Overall Planning Report to the Owner</td> <td>40% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td>iii.</td> <td>Third installment upon approval of the Overall Planning Report by the owner.</td> <td>20% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>Detailed Design</td> <td></td> </tr> <tr> <td>i.</td> <td>First installment due three months after the date of Order to Commence subject to the submission and approval of detailed design plan commensurate with the construction planning.</td> <td>11% of price of Item B as given in the Price Breakup</td> </tr> </tbody> </table>	S. No.	Performance/ Period of Payment	Payment	A	Overall Planning Report		i.	First installment due three months after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.	35% of price of Item A as given in the Price Breakup	ii.	Second installment upon submission of the Overall Planning Report to the Owner	40% of price of Item A as given in the Price Breakup	iii.	Third installment upon approval of the Overall Planning Report by the owner.	20% of price of Item A as given in the Price Breakup				B	Detailed Design		i.	First installment due three months after the date of Order to Commence subject to the submission and approval of detailed design plan commensurate with the construction planning.	11% of price of Item B as given in the Price Breakup	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Performance/ Period of Payment</th> <th>Payment</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Overall Planning Report</td> <td></td> </tr> <tr> <td>i.</td> <td>First instalment due One Month after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.</td> <td>35% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td>ii.</td> <td>Second instalment within One Month upon submission of the Overall Planning Report to the Owner</td> <td>40% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td>iii.</td> <td>Third instalment within One Month upon approval of the Overall Planning Report by the owner.</td> <td>25% of price of Item A as given in the Price Breakup</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>Detailed Design</td> <td></td> </tr> <tr> <td>i.</td> <td>First instalment within Two months after the date of Order to Commence subject to the submission and approval of detailed design plan commensurate with the construction planning.</td> <td>11% of price of Item B as given in the Price Breakup</td> </tr> </tbody> </table>	S. No.	Performance/ Period of Payment	Payment	A	Overall Planning Report		i.	First instalment due One Month after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.	35% of price of Item A as given in the Price Breakup	ii.	Second instalment within One Month upon submission of the Overall Planning Report to the Owner	40% of price of Item A as given in the Price Breakup	iii.	Third instalment within One Month upon approval of the Overall Planning Report by the owner.	25% of price of Item A as given in the Price Breakup				B	Detailed Design		i.	First instalment within Two months after the date of Order to Commence subject to the submission and approval of detailed design plan commensurate with the construction planning.	11% of price of Item B as given in the Price Breakup
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SI No.	Clause No.	Current Clause		Amendment/Addendum			
		ii.	24 (Twenty Four) monthly installments commencing after six months from date of Order to Commence or three months from the payment due under item C(i) above whichever is later, provided the construction of Civil Works can proceed without delay caused by lack of drawings.	3.5% of price of Item B as given in the Price Breakup payable per month	ii.	46 (Forty Six) monthly instalments commencing after six months from date of Order to Commence or three months from the payment due under item C(i) above whichever is later, provided the construction of Civil Works can proceed without delay caused by lack of drawings.	1.934% of price of Item B as given in the Price Breakup payable per month
		C	Commissioning and O&M Manuals		C	Commissioning and O&M Manuals	
		i.	First installment upon submission of complete draft manual due at least twelve months after the date of Order to Commence.	40% of price of Item C as given in the Price Breakup	i.	First instalment six months prior to commissioning upon submission of complete draft manual.	40% of price of Item C as given in the Price Breakup
		ii.	Second installment upon first review by the owner and compliance by the Contractor of the observations and suggestions of the first review by the Owner due at least nine months after the submission of the draft manuals.	30% of price of Item C as given in the Price Breakup	ii.	Second instalment three months prior to commissioning upon first review by the owner and compliance by the Contractor of the observations and suggestions of the first review by the Owner.	30% of price of Item C as given in the Price Breakup
		iii.	Third installment upon approval of the draft manuals and submission of desired final copies of the manuals by the Contractor to the Owner due at least six months after the first review and compliance of the draft manuals as stipulated under item D.ii above.	25% of price of Item C as given in the Price Breakup	iii.	Third instalment one month after commissioning upon approval of the draft manuals and submission of desired final copies of the manuals by the Contractor to the Owner.	30% of price of Item C as given in the Price Breakup
		D	Design Liaison with the Owner for approval		D	Design Liaison with the Owner for approval	
		i.	First installment due three months after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.	5% of price of Item E as given in the Price Breakup	i.	First instalment due three months after the date of Order to Commence subject to the commencement of activities at site by Contractor for Civil Works.	5% of price of Item E as given in the Price Breakup

Sl No.	Clause No.	Current Clause		Amendment/Addendum				
			30 (Thirty) monthly installments commencing after six months from date of Order to Commence	3 % of price of Item E as given in			45 (Forty Five) monthly instalments commencing after six months from date of Order to Commence	2.111 % of price of Item E as given in the Price Breakup
3	SCC for Planning, Design & Engineering –5.4	A retention amounting to 5% (Five Percent) of the approved Progress Certificate shall be made by the Engineer-in-charge from all the payments corresponding to Progress Certificates.		A retention amounting to 5% (Five Percent) of the approved Progress Certificate shall be made by the Engineer-in-charge from all the payments/ each payment corresponding to Progress Certificates.				
4	SCC for Civil Works – 4.1	Payments for all items of the Civil Works shall be made at the rates stipulated in the Bill of Quantities, incorporated in the Contract, for the quantities executed as per Drawings, limited to the Contract Price.		Payments for all items of the Civil Works shall be made at the rates stipulated in the Bill of Quantities, incorporated in the Contract, for the quantities executed as per Drawings, limited to the Contract Price. The bidder to ensure that the Prices quoted are within the range as stipulated in the Annexure2 to the Corrigendum of RFP.				
5	Volume 1 (Clause 6.3)	Bidders shall submit a declaration as per the Form-ITB.3 without any qualification whatsoever that the submitted Techno-Commercial Bid and the Price Bid proposal, are without any deviations and are strictly in conformity with the Bid Documents issued by the Owner.		Bidders shall submit a declaration as per the Form-ITB.3 without any qualification whatsoever that the submitted Techno-Commercial Bid and the Price Bid proposal, are without any deviations and are strictly in conformity with the Bid Documents issued by the Owner. The above condition is excluding the deviations permitted as per the Clause 4 of the Section 1 of RfP (Introduction to the Bidder)				
6	Volume 3 Section 6.2 Clause (6.1) (a)	The Owner will make, if so opted for by the Contractor, a mobilization advance to him exclusively for the costs of mobilization in respect of the Works in an amount not exceeding 5 (Five) percent of the Contract Price, which shall be paid in four equal installments and successive installments shall be subject to utilization of previous installment.		The Owner will make, if so opted for by the Contractor, a mobilization advance to him exclusively for the costs of mobilization in respect of the Works in an amount not exceeding 10 (Ten) percent of the Contract Price, which shall be paid in four equal instalments and successive instalments shall be subject to utilization of previous instalment.				

Sl No.	Clause No.	Current Clause	Amendment/Addendum
7	Volume 3 Section 6.3 Clause (5.1)	The Contractor shall be entitled to an interest free mobilization advance in an amount equivalent to 5% (Five percent) of the Contract Price.	<p>The Contractor shall be entitled to an interest free mobilization advance in an amount equivalent to 10% (Ten percent) of the Contract Price.</p> <p><u>Paragraph to also include:</u> <i>The recovery of Mobilization Advance for HM & EM works shall commence in the next Progress Certificate following that in which the total of all gross Progress Certificates approved by the Owner has reached 30(Thirty) percent of the Contract Price and shall be made prorata of mobilization advance released from the gross payment of all Progress Certificates in such a manner that the mobilization advance shall be completely repaid prior to the time when 90 percent of the Contract Price has been certified for payment. The gross payment shall mean and include the payment towards scheduled items, extra items, deviated items, altered items including price adjustments.</i></p>
8	Volume 3 Section 6.3		<p><u>Paragraph to also include:</u> <i>Following steps shall be followed for finalizing the schedule of payment</i></p> <ol style="list-style-type: none"> <i>I. Approval of Drawing</i> <i>II. Estimation of quantities based on approved drawing and determination of milestones</i> <i>III. Release of payment based on quantity ascertained above till the total payment for a particular component reaches 60% of value of the said component</i> <i>IV. Release of balance payment based on agreed milestones beyond the level of 60%</i>
9	Form ITB.15		<p><u>Following point to be included:</u> <i>6) The liability of Local Partner/Entity forming part of the Consortium as per Clause 1.3 of Section 1 (Volume 1) of NIT No. ST/EDA/9.5MW/Sewa/62/2017/3433 dated 18.10.2017; shall be limited to his percentage shareholding in the Consortium</i></p>

Sl No.	Clause No.	Current Clause	Amendment/Addendum
10	Volume 3 (Clause 2.2.1)	Operate & Maintain the Plant including applicable services and discharge all obligations as defined in the O & M Responsibility Matrix as per Annexure - 1 during the Operational Phase on round the clock basis.	Operate & Maintain the Plant including applicable services and discharge all obligations as defined in the O & M Responsibility Matrix as per Annexure - 1 of Corrigendum to RFP during the Operational Phase on round the clock basis.
11	Clause 8.3.3 (Volume 2)	The generator would be air cooled in a closed system designed to meet class F insulation temperature limits with air water heat exchangers	The generator would have closed loop water cooling system designed to meet class F insulation temperature limits with air water heat exchangers
12	Clause 8.3.1 (Volume 2)	Turbine Efficiency = 91.0%, Generator Efficiency =96.5%, Combined Efficiency = 86.9%	Turbine Efficiency = 91.0%, Generator Efficiency =96.5%, Combined Efficiency = 87.8%
13	Section 3, 8.3.3 Page 9	The transformers would be rated 6.2/33/√3 single phase, 50 Hz, OFWF type.	The transformers would be rated 6.6/33/√3 single phase, 50 Hz, OFWF type.
14	Clause 8.4 Section 3 (Volume 2)	Power Evacuation: The 33 kV Outdoor Switchyard would have double bus arrangements to ensure reliability and flexibility in switching without interruption. There would be total 3 No. of bays	Switchgear shall be indoor. JAKEDAs approval for detailed specification shall be obtained at the stage of detailed engineering.
15	Clause 8.4.2 Section 3 (Volume 2)	Laying double circuit 33 kV transmission line from the Project Switch Yard to terminal bay end (Delivering End)	Laying single circuit 33 kV transmission line from the Project Switch Yard to terminal bay end (Delivering End)
16	Clause 8 Section 3 (Volume 2)		Following to be included in the paragraph: <i>Any change in the specification shall require approval from JAKEDA at Detailed Design Stage.</i>
17	Volume IV, Section 7 – bid Proposal Sheets)	Soft copy of Bid Proposal Sheets in excel format may be provided to bidder for filling the rates	Soft copy in word format is being provided separately

No: ST/EDA/9.5MW/SEWA/62/2017/3832

Date: 07.12.2017

Sd/-
Chief Executive Officer
JAKEDA

Annexure - 1

O&M Responsibility Matrix

Sl. No.	Description of Work / Activity	Responsibility Matrix / Scope
		EPC Contractor
1	Total Operation & Maintenance of the Plant	√
2	Start-up Power & DG/BATTERY	√
3	Water of required quality & quantity.	√
4	Inventory Management – Spares & Consumables	√
5	Spares	√
6	Chemicals for Cooling Water System	√
7	Consumables and Lubricants	√
8	Furnished accommodation for Operator personnel	√
9	Personal Protective Equipment	√
10	Mechanical workshop with equipments	√
11	Maintenance of Internal roads, building and all major/minor civil works	√
12	Insurance for the Plant & Machinery as applicable, claim management.	√
13	Personnel Insurance	√
14	Regular, Preventive, Breakdown maintenance	√
15	Condition Monitoring	√
16	Annual Maintenance Contract with OEM/ other vendors	√
17	Schedule Maintenance	√
18	General purpose tools & tackles	√
19	Special Tools &Tackles	√
20	Suitable Office accommodation & furniture including storage facilities, rest room, change room & office equipment facilities.	√
21	IT equipments and maintenance, telephone at office	√
22	Medical facilities in the plant	√
23	Statutory compliances environmental aspects electrical inspectorates factory inspectorate / licensing and permits from local central authorities	√

Annexure-2

Sheet 7.1

TOTAL CONTRACT PRICE

Sl. No.	Description of Works/ Component	%	Onshore Component		Offshore Component			
			INR (Indian Rupees)		Currency-1		Currency-2	
		% Range of Total Price	In Figures	In Words	In Figures	In Words	In Figures	In Words
A.	Contract Price							
1	Planning, Design & Engineering.							
2	Civil Works	60-75						
3	Supply of Hydro-Mechanical Plant & Machinery	2-5						
4	Supply of Electro-Mechanical Plant & Machinery	14-18						
5	Supply of Structures, Wires, Cables and equipment etc for Power Transmission Line							
6	Transportation, Storage, Erection, Testing & Commissioning of Hydro- Mechanical Plant & Machinery							
7	Transportation, Storage, Erection, Testing & Commissioning of Electro- Mechanical Plant & Machinery							
8	Transportation, Storage, Erection, Testing & Commissioning of Power Transmission Line							

Sl. No.	Description of Works/ Component	%	Onshore Component		Offshore Component			
			INR (Indian Rupees)		Currency-1		Currency-2	
		% Range of Total Price	In Figures	In Words	In Figures	In Words	In Figures	In Words
9	Miscellaneous (Establishment, T&P, Receipts & Recoveries, Audit & Accounts, Land Revenue)	9.0-12.0						
	Total Contract Price							
B.	O&M Charges for 5 years							
	Total Price Including Contingencies & O&M Charges (A +B)							

Note

- 1) Prices quoted beyond the range would require approval from JAKEDA
- 2) Bidder needs to submit detailed BOQ for each component

BREAK UP OF CONTRACT PRICE FOR CIVIL WORKS (For Dringla SHP)

Sl. No.	Description of Works/ Component	%	Onshore Component		Offshore Component			
			INR (Indian Rupees)		Currency-1		Currency-2	
		% Range of Total Price	In Figures	In Words	In Figures	In Words	In Figures	In Words
1	River Diversion Works	3- 5.5						
2	Intake, Approach Channel and Escape Channel	8.0-14.0						
3	Desilting Basin	3.0-5.0						
4	Power Channel and Intake Pool	0.1-.3						
5	Head race Tunnel	50-65						
6	Surge Shaft	1.5-3.0						
7	Pressure Shaft/ Penstock	1.5-3.0						
8	Power House	5.0-10.0						
9	Tailrace System	2.0-4.0						
10	Switch Yard(included in Powerhouse)							
11	Project Buildings	1.0-3.0						
12	Other infrastructural works	7.0-12.0						
	Total Price							

Note

- 1) Prices quoted beyond the range would require approval from JAKEDA
- 2) Bidder needs to submit detailed BOQ for each component