

**Amendment –03 dated 16.08.2024 in the RfP for Transmission Service Provider to establish “Augmentation of transformation capacity at Jam Khambhaliya PS (GIS)” through tariff based competitive bidding process**

Sl. No.	Clause No	Existing Provisions					New / Revised Provisions					
		S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element		S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	For RFP- Clause 2.6 i.e. Project Schedule & For TSA Schedule 2 i.e. Scheduled COD and Schedule 5 i.e. Quoted Transmission Charges	1.	Creation of New 220 kV Bus Section-II at Jam Khambhaliya PS	18 months	4.67	Element at Sl. 1 can be commissioned separately.	21 months	1.	Creation of New 220 kV Bus Section-II at Jam Khambhaliya PS	21 months	7.66	Element at Sl. 1 can be commissioned separately.
		2.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 2x500 MVA, 400/220 kV ICT (5th and 6th) (terminated on New 220 kV bus section-II)	21 months	27.82	For Element at Sl. 2, Element at Sl. 1 is pre-required.		2.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 2x500 MVA, 400/220 kV ICT (5 <sup>th</sup> and 6 <sup>th</sup> ) (terminated on New 220 kV bus section-II)		26.53	For Element at Sl. 2, Element at Sl. 1 is pre-required.
								3.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (7 <sup>th</sup> )		13.27	For Element at Sl. 3, Elements at Sl. 1 is pre-required. Element at Sl. 3 can be commissioned separately subject

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		3.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (7th) (terminated on New 220 kV bus section- II)	21 months		For Element at Sl. 3, Elements at Sl. 1 is pre-required. Element at Sl. 3 can be commissioned separately subject to commissioning of 400kV bay at Jam Khambhaliya PS for ICT (7th) (refer Note-2).		(terminated on New 220 kV bus section- II)			to commissioning of 400 kV bay at Jam Khambhaliya PS for ICT (7th) (refer Note-2).	
					14.40							
		4a.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for RE Projects on New 220 kV bus section-II(1 No. for ACME Sun Power Pvt Ltd)	30.06.2026		Elements at Sl. 1 and 2 are pre-required.		4a.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for RE Projects on New 220 kV bus section-II (1 No. for ACME Sun Power Pvt Ltd and 1 no. for Mounting (MRPL))		3.83	Elements at Sl. 1 and 2 are pre-required.
		4b.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for RE Projects on New 220 kV bus section-II(1 No. for Juniper	30.03.2027		Elements at Sl. 1 and 2 are pre-required.		4b.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for RE Projects on New 220 kV bus section-II (1 No. for Juniper Green Energy Pvt Ltd.)	Jun-27 subject to minimum schedule of 21 months from date of award of balance works	3.83	Elements at Sl. 1 and 2 are pre-required.
					2.54							
					2.73			5.	Creation of New 220 kV Bus Section at Jam Khambhaliya PS (Section III)	30.06.2027 subject to a minimum of 21 months	7.66	Elements at Sl. 5 to 8 are required to be commissioned simultaneously as

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			Green Energy Pvt Ltd.)								6.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (8 <sup>th</sup> ) (terminated on New 220 kV bus section- III)	21 months		13.27	their utilization is dependent on each other [subject to commissioning of 400 kV bay at Jam Khambhaliya PS for ICT (8 <sup>th</sup> ) (refer Note-2)].
		5.	Creation of New 220 kV Bus Section at Jam Khambhaliya PS (Section III)	21 months		4.67	Elements at Sl. 5 to 8 are required to be commissioned simultaneously as their utilization is dependent on each other [subject to commissioning of 400kV bay at Jam Khambhaliya				7.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV (9 <sup>th</sup> ) ICT terminated on New 220 kV bus section-III	21 months		18.84	
		6.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (8 <sup>th</sup> ) (terminated on New 220 kV bus section- III)	21 months		14.40						8.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for Kuvadina 220 kV D/C line	21 months		
		7.	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV (9 <sup>th</sup> ) ICT terminated on	21 months		24.10						<p><i>Note 2 : Matching with SCOD of 400kV bays at Jam Khambhaliya PS (being implemented under “Network Expansion scheme in Gujarat for drawl of about 3.6GW load under Phase-I in Jamnagar area” scheme which is currently under tendering) and subject to minimum implementation schedule of 21 months.</i></p>				

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			New 220 kV bus section-III			PS for ICT (8th) (refer Note-2)].			
		8.	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for Kuvadla 220 kV D/C line	21 months	4.67				
.....									
2.	All the relevant clauses of RFP, TSA and SPA	<b>Sl. No.</b>	<b>Scope of the Transmission Scheme</b>	<b>Capacity</b>	<b>Scheduled COD in months from Effective Date</b>	<b>Sl. No.</b>	<b>Scope of the Transmission Scheme</b>	<b>Capacity</b>	<b>Scheduled COD in months from Effective Date</b>
		1	Creation of New 220 kV Bus Section-II at Jam Khambhaliya PS  Space to be kept for 1 No. 220 kV line bay in the same GIS Hall for RE Interconnection being implemented by the RE developer (in addition to 2 Nos. bays at Sl. 4)	<ul style="list-style-type: none"> <li>220 kV Bus sectionaliser bay – 1 Set (to be kept normally CLOSED and may be opened based on system requirement)</li> <li>220 kV BC – 1 No.</li> </ul>	21 months	1	Creation of New 220 kV Bus Section-II at Jam Khambhaliya PS	<ul style="list-style-type: none"> <li>220 kV Bus sectionaliser bay – 1 Set (to be kept normally CLOSED and may be opened based on system requirement)</li> <li>220 kV BC – 1 No.</li> </ul>	21 months
		2				2	Augmentation of transformation capacity at Jam Khambhaliya PS	<ul style="list-style-type: none"> <li>500 MVA, 400/220 kV ICTs: 2 Nos.</li> <li>400 kV ICT bays: NIL**</li> </ul>	21 months

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		<p><b>2</b> Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 2x500 MVA, 400/220 kV ICT (5th &amp; 6th) (terminated on New 220 kV bus section- II)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICTs: 2 Nos.</li> <li>• 400 kV ICT bays: NIL*</li> <li>• 220 kV ICT bays: 2 Nos.</li> </ul>	21 months			(GIS) by 2x500 MVA, 400/220 kV ICT (5th & 6th) (terminated on New 220 kV bus section- II)	<ul style="list-style-type: none"> <li>• 220 kV ICT bays: 2 Nos.</li> </ul> <p>Bus duct outside GIS hall along with termination equipment shall be provided.</p>	
		<p><b>3</b> Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (7th) (terminated on New 220 kV bus section- II)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICTs: 1 No.</li> <li>• 400 kV ICT bay: NIL (bay being implemented under Jamnagar scheme, which is currently under tendering, with schedule of Apr/May-26). Bus duct outside GIS hall along with termination equipment shall be provided.</li> <li>• 220 kV ICT bay: 1 No</li> </ul>	21 months <sup>#</sup>			<p><b>3</b> Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (7th) (terminated on New 220 kV bus section- II)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICTs: 1 No.</li> <li>• 400 kV ICT bay: NIL (bay being implemented under Jamnagar scheme, which is currently under tendering, with schedule of Apr/May-26). Bus duct outside GIS hall along with termination equipment shall be provided.</li> <li>• 220kV ICT bay: 1 No</li> </ul>	21 months <sup>#</sup>	
		<p><b>4</b> Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for RE</p>	<p>220 kV line bay – 3 No. (GIS) (1 for ACME Sun Power Pvt Ltd and Juniper Bay:</p>	<p>MRPL Bay: 21 months ACME Bay: 21 months<sup>##</sup> Juniper Bay: Jun-27 subject to minimum schedule of</p>		<p><b>4</b> Implementation of 220kV GIS line bays at Jam Khambhaliya PS for RE Projects on New 220kV bus section-II</p>	<ul style="list-style-type: none"> <li>• 220kV line bay – 3 Nos. (GIS) (1 for ACME Sun Power Pvt Ltd, 1 for Juniper Green Energy Pvt Ltd. &amp; 1 no. for Mounting (MRPL))</li> </ul>	<p>MRPL Bay: 21 months ACME Bay: 21 months<sup>##</sup> Juniper Bay: Jun-27 subject to minimum schedule of</p>

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		Projects on New 220 kV bus section-II	1 for Juniper Green Energy Pvt Ltd. & 1 no. for Mounting (MRPL))	Jun-27 subject to minimum schedule of 21 months from date of award of balance works.			21 months from date of award of balance works.	
	5	Creation of New 220 kV Bus Section at Jam Khambhaliya PS (Section III)  (With space for 4 Nos. 220 kV line bays in same GIS hall. Implementation of 2 Nos. GIS bays to be taken up as per Sl.No.8 and space to be kept for future 2 Nos.)	<ul style="list-style-type: none"> <li>• 220 kV Bus sectionaliser bay – 1 Set (to be kept normally OPEN and may be closed based on system requirement)</li> <li>• 220 kV BC – 1 No.</li> </ul>	30.06.2027*	5	Creation of New 220 kV Bus Section at Jam Khambhaliya PS (Section III)  (With space for 4 Nos. 220 kV line bays in same GIS hall. Implementation of 2 Nos. GIS bays to be taken up as per Sl.No.8 and space to be kept for future 2 Nos.)	<ul style="list-style-type: none"> <li>• 220 kV Bus sectionaliser bay – 1 Set (to be kept normally OPEN and may be closed based on system requirement)</li> <li>• 220 kV BC – 1 No.</li> </ul>	30.06.2027*
	6	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (8th) (terminated on New 220 kV bus section- III)	<ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICT: 1 Nos.</li> <li>• 400 kV ICT bay: NIL (bay being implemented under Jamnagar scheme, which is currently under tendering, with</li> </ul>	21 months#	6	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV ICT (8th) (terminated on New 220 kV bus section- III)	<ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICT: 1 Nos.</li> <li>• 400 kV ICT bay: NIL (bay being implemented under Jamnagar scheme, which is currently under tendering, with schedule of Apr/May-26). Bus duct outside GIS hall along with termination equipment shall be provided.</li> </ul>	21 months#

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			schedule of Apr/May-26). Bus duct outside GIS hall along with termination equipment shall be provided. 220 kV ICT bay: 1 No.					
		<b>7</b>	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220 kV (9th) ICT terminated on New 220 kV bus section-III	500 MVA, 400/220 kV ICTs: 1 No.  400 kV ICT bays: 1 No. (TSP to implement complete dia. in all respect with the other 400 kV bay to be utilized in future)  220 kV ICT bay: 1 No.	21 months			
		<b>8</b>	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for Kuvadiah 220 kV D/C line	220 kV line bay – 2 Nos. (GIS) (on Bus Section-III)	21 months			
								<ul style="list-style-type: none"> <li>• 220 kV ICT bay: 1 No.</li> </ul>
		<b>7</b>	Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500 MVA, 400/220kV (9th) ICT terminated on New 220 kV bus section-III					<ul style="list-style-type: none"> <li>• 500 MVA, 400/220 kV ICTs: 1 No.</li> <li>• 400 kV ICT bay: 1 No. (TSP to implement complete dia. in all respects with the other 400 kV bay to be utilized in future)</li> <li>• 220 kV ICT bay: 1 No.</li> </ul>
		<b>8</b>	Implementation of 220 kV GIS line bays at Jam Khambhaliya PS for Kuvadiah 220 kV D/C line					<ul style="list-style-type: none"> <li>• 220 kV line bay – 2 Nos. (GIS) (on Bus Section-III)</li> </ul>
								<p><i>*Note-1: Subject to minimum schedule of 21 months from date of award</i></p> <p><i>**Note 1: Termination of the 2x500 MVA ICTs under present scope shall be in the '2' separate dia's which are being developed by POWERGRID for RIL for termination of 400 kV Jam Khambhaliya - Jamnagar D/c line. TSP shall implement 400 kV side GIS Duct required for interconnection of ICT-5 &amp; 6 at 400 kV Jam Khambhaliya PS [length is approx. 350 M. (Actual length shall be finalized based upon final layout)] along with associated equipment as required</i></p> <p><i>#Note-2: Matching with SCOD of 400kV bays at Jam Khambhaliya PS (being implemented under “Network Expansion scheme in Gujarat for drawl of about 3.6GW load under Phase-I in Jamnagar area” scheme which is currently under tendering) and subject to minimum implementation schedule of 21 months.</i></p> <p><i>###Note-3: Earlier schedule was specified as March-26 subject to minimum schedule of 21 months from date of award of balance works. However, considering present status, schedule of 21 months may directly be specified.</i></p> <p><b>Note:</b> (1) JKTL to provide space for the above scope of work.</p>
								<p><i>*Note-1: Subject to minimum schedule of 21 months from date of award</i></p> <p><i>#Note-2: Matching with SCOD of 400kV bays at Jam Khambhaliya PS (being implemented under “Network Expansion scheme in Gujarat for drawl of</i></p>

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about 3.6GW load under Phase-I in Jamnagar area” scheme which is currently under tendering) and subject to minimum implementation schedule of 21 months.

*##Earlier schedule was specified as March-26 subject to minimum schedule of 21 months from date of award of balance works. However, considering present status, schedule of 21 months may directly be specified.*

Note:

(1) JKTL to provide space for the above scope of work.

(2) The implementation timeframe is as follows:

- For scope at Sl. No. 1: 18 months
- For scope at Sl. No. 3 and 6: Matching with SCOD of 400 kV bays at Jam Khambhaliya PS (being implemented under “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area” scheme which is currently under tendering) and subject to minimum implementation schedule of 21 months.
- For scope at Sl. No. 4: 30.03.2026 and 30.06.2027 respectively (subject to minimum schedule of 21 months from date of award of balance works).
- For balance scope: 21 months

(3) GETCO shall implement Jam Khambhaliya PS - Kuvadiah 220 kV D/C line in matching time-frame

(2) The implementation timeframe is as follows:

- For scope at Sl. No. 3 and 6: Matching with SCOD of 400 kV bays at Jam Khambhaliya PS (being implemented under “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area” scheme which is currently under tendering) and subject to minimum implementation schedule of 21 months.
- For balance scope: 21 months

(3) GETCO shall implement Jam Khambhaliya PS - Kuvadiah 220 kV D/C line in matching time-frame.