

पावरग्रिड
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

DUPLICATE COPY

Ref. No.: TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1/NOA-I/05

Date: 02/03/2021

M/s. Transrail Lighting Limited

46, Lambent IT Park, Harihar Nagar, Besa,
Beltarodi Road, Nagpur-440034

Kind Attention: Mr. Amol Wankhede, Chief Manager (Marketing)

e-mail id: amol.wankhede@transraillighting.com; Mobile: 9650807794

Sub.: Notification of Award for Supply of Goods Contract for Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route.
Specification No.: TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1

Domestic Competitive Bidding (Project Funding: Domestic)

Dear Sir,

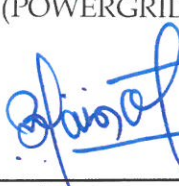
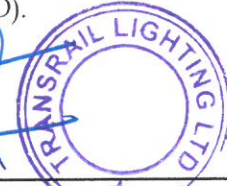
1.0 Your kind attention is drawn to ITB /BDS Clause No. 1.1 of the Bidding Documents, which inter-alia stipulates that Power Grid Corporation of India Limited (POWERGRID), participated in the selection of Transmission Service Provider (TSP) to establish the "Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II - Part F" under Tariff Based Competitive Bidding (TBCB) Route. It may be mentioned that POWERGRID has emerged as a successful bidder in the tariff bidding for the said project.

Further, please note that POWERGRID is in the process of acquiring "Project Specific Transmission Company" (hereinafter referred to as the "SPV"/"Project SPV Company"). In terms of the provisions of the Bidding Documents, pending acquisition of the said Project SPV Company, this Notification of Award (NOA) is being issued by POWERGRID for and on behalf of Project SPV Company. After acquisition of Project SPV Company by POWERGRID, the Project SPV Company would adopt the NOA/Contracts, placed by POWERGRID, with complete rights & obligations.

REFERENCE

This has reference to the following:

1.1 Our Invitation for Bids (IFB) dated 19/03/2020 issued by Power Grid Corporation of India Ltd. (POWERGRID).



केन्द्रीय कार्यालय : 'सौदामिनी', प्लॉट नं. 2, सेक्टर 29, गुरुग्रा-122001 (हरियाणा) दूरभाष : 0124-2822000, 2823000

Corporate Office : 'SAUDAMINI', Plot No. 2, Sector 29, Gurgaon-122001 (Haryana) Tel. : 0124-2822000, 2823000

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Website : www.powergridindia.com

POWER GRID CORPORATION OF INDIA LIMITED

NOA Ref. No.: TBCB/400kV/RAJ-PHASE-II-PART-F/TW03/G1/NOA-I/05

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1.2 Bidding documents for the subject package issued to you through the portal <https://pgcileps.buyjunction.in>, comprising the following:

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(Document Code No. TBCB/400kV/RAJ-PHASE-II-PART-F/TW03/G1/Bid Doc, March 2020)
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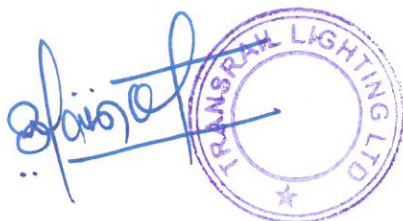
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- 1.8 Records notes of meeting held on between you and POWERGRID on **20/10/2020**.
- 1.9 POWERGRID's letter dated **01.02.2021** to review your prices further prior to e-RA of tariff bidding as agreed in the meeting referred at para 1.8 above.
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- 2.0 **AWARD OF CONTRACT AND ITS SCOPE**
- 2.1 We, on behalf of the SPV, confirm having accepted your Bid (referred to at para 1.3, 1.5, 1.6, 1.7, 1.8, 1.10 & 1.11 above) read in conjunction with all the specifications, terms & conditions of the Bidding Documents (referred to at para 1.2, 1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6 & 1.4 above) and award on you the 'Supply of Goods Contract' (also referred to as the 'First Contract') covering inter-alia Ex-works supply of all equipment and materials including Type Testing (if any) to be conducted (if applicable), required for the complete execution of the **Transmission Line Package TW03 for Khetri- Bhiwadi 400**



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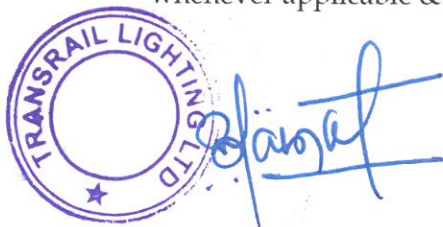
kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route, as detailed in the documents referred hereinabove. The scope of work inter-alia includes:

- (i) Design, Proto type testing, Fabrication and supply of all type of transmission line towers fasteners, step bolts, hangers, D-shackles etc.;
- (ii) For Employer design towers/ gantry structures, Fabrication and supply of Towers, Gantry structures and River crossing towers, anchor bolts, fasteners, step-bolts, hangers, D-shackles, etc. as per Employer's design/drawings (wherever applicable and if required);
- (iii) Supply of all types of tower accessories like phase plate, circuit plate (where ever applicable), number plate, danger plate, anti-climbing device, Bird guard (where ever applicable)
- (iv) Supply of
 - a) Earth wire, Hardware Fittings and Accessories for HTLS Conductor & Earthwire
 - b) HTLS Conductor, Insulators
 - c) OPGW & associated fittings & accessories.
- (v) Supply of Tower Earthing.
- (vi) Supply of Insulated Conductor sleeve, (if required & covered under BPS);
- (vii) supply of span markers, obstruction lights (wherever applicable) for aviation requirements (as required);

The scope of work under this Notification of Award (NOA) shall also include all such items which are not specifically mentioned in the Bidding Documents and/or your bid but are necessary for the successful completion of your scope under the Contract for the construction of **Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route**, unless otherwise specifically excluded in the Bidding Documents or in this NOA.


- 2.2 The notification for award of Contract for performance of all other activities, as set forth in the Bidding Documents, viz. inland transportation, in-transit insurance, delivery on FOR destination site(s) basis, unloading at site, storage, taking delivery of Conductors and Insulators and the following:

- (i) Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geotechnical investigation (including special foundation locations viz. pile/well foundation locations, whenever applicable & covered under BPS);




- (ii) Check survey;
- (iii) Design of foundations for different soil conditions for different type of towers, classification of foundations for different type of towers and casting of foundation for tower footings as per approved Employer's foundations drawing;
- (iv) For Employer design towers/ gantry structures, Casting of Foundations for Towers, Gantry Structures & River Crossing Towers based on Employer supplied drawings (wherever applicable and if required);
- (v) Installation of Tower Earthing.
- (vi) Installation of Insulated Conductor sleeve, (if required & covered under BPS);
- (vii) For transmission lines, to promote mechanization and safe working conditions, use of crane is being promoted. Erection of towers, tack welding of bolts and nuts including supply and application of zinc rich paint, fixing of insulator strings, stringing of conductors and earth wires/OPGW along with all necessary line accessories by using crane(whenever feasible). However, where usage of crane is not possible, erection of towers has to be carried out by conventional method i.e using Gin pole, Derrick, Centre mast etc. through usage of Power Operated Winch Machines. No tractor shall be allowed for tower erection.;
- (viii) Supervision of stringing of HTLS conductor & associated hardware fittings, clamps & accessories;
- (ix) Destraining & dismantling of existing 765/400/220/132/66kV Transmission line. (whenever applicable & covered under BPS)
- (x) Stringing of Power line crossing section under Live Line Condition (where ever applicable & covered under BPS);
- (xi) Painting of towers and erection of span markers, obstruction lights (wherever applicable) for aviation requirements (as required)
- (xii) Other items not specifically mentioned in Technical Specification and/or BPS but are required for the successful commissioning of the transmission line, unless specifically excluded in the Technical Specification;
- (xiii) Testing and commissioning of the erected transmission lines;

for the complete execution of the Transmission Line Package TW03 for Khetri-Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II - Part F through tariff based competitive bidding (TBCB) route, has been issued on you vide our NOA no. TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1/NOA-II/06 dated 02/03/2021 (hereinafter called the "Second Contract" or "Supply of Services Contract").

POWER GRID CORPORATION OF INDIA LIMITED

NOA Ref. No.: TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1/NOA-I/05

Date: 02.03.2021

[Notification of Award for 'Supply of Goods Contract' for Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route]



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Notwithstanding the award of work under two separate Contracts in the aforesaid manner, you shall be overall responsible to ensure the execution of both the Contracts to achieve successful completion and taking over of the works under the package by the Employer as per the requirements stipulated in the Bidding Documents. It is expressly understood and agreed by you that any default or breach under the 'Second Contract' shall automatically be deemed as a default or breach of this 'First Contract' also and vice-versa, and any such default or breach or occurrence giving us a right to terminate the 'Second Contract', either in full or in part, and/or recover damages there under, shall give us an absolute right to terminate this Contract, at your risk, cost and responsibility, either in full or in part and/or recover damages under this 'First Contract' as well. However, such default or breach or occurrence in the 'Second Contract', shall not automatically relieve you obligations under this 'First Contract'. It is also expressly understood and agreed by you that the equipment/materials supplied by you under this 'First Contract', when erected, installed & commissioned by you under the 'Second Contract' shall give satisfactory performance in accordance with the provisions of the Contract.

3.0 CONTRACT PRICE

- 3.1 The total Contract Price for the entire scope of work under this Contract shall be **Rs. 100,34,29,707/- (Rupees One Hundred Crore Thirty-Four Lakh Twenty-Nine Thousand Seven Hundred and Seven only)** as per the following break-up:

Sl. No.	Price Component	Amount (Rs.)
1.	Ex-Works Price component of all Equipment/Materials	100,34,29,707/-
Total for Supply of Goods Contract		100,34,29,707/-

The above Contract Prices are exclusive of reimbursable GST, which shall be reimbursable/payable by SPV in line with provisions of Bidding Documents.

- 3.2 Notwithstanding the break-up of the Contract Price, the Contract shall, at all times, be construed as a single source responsibility Contract and any breach in any part of the Contract shall be treated as a breach of the entire Contract.
- 4.0 You are required to furnish at the earliest a Performance Security(ies), as per the Bidding Documents, for an amount of **Rs. 3,01,02,891/- (Rupees Three Crore One Lakh Two Thousand Eight Hundred and Ninety One only)** i.e. equal to 3% (Three percent) of the Contract Price, and valid upto and including **30.09.2023**.



POWER GRID CORPORATION OF INDIA LIMITED

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- 5.0 For release of advance payment (admissible as per the bidding documents) equal to 10% of the Ex-works price component of Tower/ Tower Parts (including Bolts & Nuts) excluding all other materials i.e. **Rs. 4,04,16,003/-** (Rupees Four Crore Four Lakh Sixteen Thousand and Three only), you are, inter-alia, required to furnish a Bank Guarantee for **[110% (one hundred ten percent) of the amount of Advance i.e. Rs. 4,44,57,603/-** (Rupees Four Crore Forty-Four Lakh Fifty-Seven Thousand Six Hundred and Three only)). The validity of the Advance Bank Guarantee shall be up to and including **30.09.2022**. Further, please note that furnishing of all the Contract Performance Securities under the 'First Contract' and 'Second Contract' shall be one of the conditions precedent to release of advance under this Contract.
- 6.0 All the bank guarantees shall be furnished from an eligible bank as described in the Bidding Documents.
- 7.0 The schedule for Taking Over/Completion of Facilities by the SPV upon successful completion of the **Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route**, shall be **15 (Fifteen) Months** from the date of issue of this Notification of Award for all contractual purposes or as per the Schedule to be agreed and recorded in the Specific Agreements which shall be incorporated in the Contract Agreement.
- 8.0 This Notification of Award constitutes formation of the Contract and comes into force with effect from the date of issuance of this Notification of Award.
- 9.0 You shall enter into a Contract Agreement with us within twenty-eight (28) days from the date of this Notification of Award.
- 10.0 This Notification of Award is being issued to you in duplicate. We request you to return its duplicate copy duly signed and stamped on each page as a token of your acknowledgement.

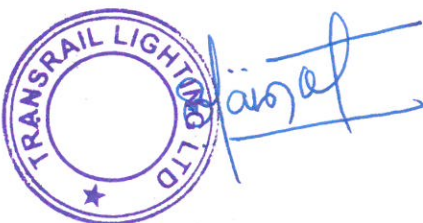
Please take the necessary action to commence the work and confirm action.

Yours faithfully,

For and on behalf of
Power Grid Corporation of India Limited

(K K GUPTA)

Chief General Manager (CS)



कैलाश कुमार गुप्ता / KAILASH KUMAR GUPTA
मुख्य महाप्रबंधक (संविदा सेवाएं) / Chief General Manager (CS)
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Power Grid Corporation of India Ltd.
(भारत सरकार का उद्यम) / (A Govt. of India Enterprise)
प्लॉट सं०-2, सेक्टर-29, गुरुग्रांव-122 001 (हरियाणा)
Plot No.-2, Sector-29, Gurgaon- 122 001 (Haryana)

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e-mail id: amol.wankhede@transraillighting.com; **Mobile:** 9650807794**Sub.: Notification of Award for Supply of Services Contract for Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route.**
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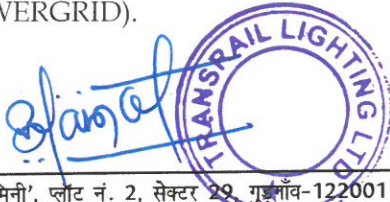
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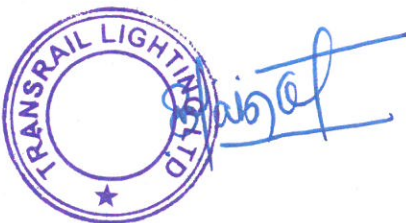
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- 1.11 POWERGRID's email dated 05.02.2021 forwarding you the finalised BoQ with unit prices as per Revised Bid/Revised price bid and agreement of the same by TLL.
- 2.0 **AWARD OF CONTRACT AND ITS SCOPE**
- 2.1 We, on behalf of the SPV, confirm having accepted your Bid (referred to at para 1.3, 1.5, 1.6, 1.7, 1.8, 1.10 & 1.11 above) read in conjunction with all the specifications, terms & conditions of the Bidding Documents (referred to at para 1.2, 1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6 & 1.4 above) and award on you the 'Supply of Services Contract' (also referred to as the 'Second Contract') for performance of all other activities, as set forth in the documents, viz. inland transportation, in-transit insurance, delivery on FOR destination site(s) basis, unloading at site, storage, taking delivery of Conductors and Insulators and the following:





- (i) Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geotechnical investigation (including special foundation locations viz. pile/well foundation locations, whenever applicable & covered under BPS);
- (ii) Check survey;
- (iii) Design of foundations for different soil conditions for different type of towers, classification of foundations for different type of towers and casting of foundation for tower footings as per approved Employer's foundations drawing;
- (iv) For Employer design towers/ gantry structures, Casting of Foundations for Towers, Gantry Structures & River Crossing Towers based on Employer supplied drawings (wherever applicable and if required);
- (v) Installation of Tower Earthing.
- (vi) Installation of Insulated Conductor sleeve, (if required & covered under BPS);
- (vii) For transmission lines, to promote mechanization and safe working conditions, use of crane is being promoted. Erection of towers, tack welding of bolts and nuts including supply and application of zinc rich paint, fixing of insulator strings, stringing of conductors and earth wires/OPGW along with all necessary line accessories by using crane(whenever feasible). However, where usage of crane is not possible, erection of towers has to be carried out by conventional method i.e using Gin pole, Derrick, Centre mast etc. through usage of Power Operated Winch Machines. No tractor shall be allowed for tower erection.;
- (viii) Supervision of stringing of HTLS conductor & associated hardware fittings, clamps & accessories;
- (ix) Destraining & dismantling of existing 765/400/220/132/66kV Transmission line. (whenever applicable & covered under BPS)
- (x) Stringing of Power line crossing section under Live Line Condition (where ever applicable & covered under BPS);
- (xi) Painting of towers and erection of span markers, obstruction lights (wherever applicable) for aviation requirements (as required)
- (xii) Testing and commissioning of the erected transmission lines

for the complete execution of the Transmission Line Package TW03 for Khetri-Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II - Part F through tariff based competitive bidding (TBCB) route.

The scope of work under this Notification of Award (NOA) shall also include all such items which are not specifically mentioned in the Bidding Documents and/or your bid but are necessary for the successful completion of your scope under the Contract for the



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construction of **Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route**, unless otherwise specifically excluded in the Bidding Documents or in this NOA.

2.2 The notification for award of Contract for Ex-works Supply of all equipment and materials including Type Testing to be conducted, as set forth in the - documents, viz.

- (i) Design, Proto type testing, Fabrication and supply of all type of transmission line towers fasteners, step bolts, hangers, D-shackles etc.;
- (ii) For Employer design towers/ gantry structures, Fabrication and supply of Towers, Gantry structures and River crossing towers, anchor bolts, fasteners, step-bolts, hangers, D-shackles, etc. as per Employer's design/drawings (wherever applicable and if required);
- (iii) Supply of all types of tower accessories like phase plate, circuit plate (where ever applicable), number plate, danger plate, anti-climbing device, Bird guard(where ever applicable)
- (iv) Supply of
 - a) Earth wire, Hardware Fittings and Accessories for HTLS Conductor & Earth wire
 - b) HTLS Conductor, Insulators
 - c) OPGW & associated fittings & accessories.
- (v) Supply of Tower Earthing.
- (vi) Supply of Insulated Conductor sleeve, (if required & covered under BPS);
- (vii) supply of span markers, obstruction lights (wherever applicable) for aviation requirements (as required);
- (viii) Other items not specifically mentioned in Technical Specification and/or BPS but are required for the successful commissioning of the transmission line, unless specifically excluded in the Technical Specification

has been issued on you vide our NOA no. **TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1/NOA-I/05** Date: **02.03.2021** (hereinafter called the "Supply of Goods Contract" or "First Contract").

Notwithstanding the award of work under two separate Contracts in the aforesaid manner, you shall be overall responsible to ensure the execution of both the Contracts to achieve successful completion and taking over of the works under the package by the Employer as per the requirements stipulated in the Bidding Documents. It is expressly




understood and agreed by you that any default or breach under the 'Second Contract' shall automatically be deemed as a default or breach of this 'First Contract' also and vice-versa, and any such default or breach or occurrence giving us a right to terminate the 'Second Contract', either in full or in part, and/or recover damages there under, shall give us an absolute right to terminate this Contract, at your risk, cost and responsibility, either in full or in part and/or recover damages under this 'First Contract' as well. However, such default or breach or occurrence in the 'Second Contract', shall not automatically relieve you obligations under this 'First Contract'. It is also expressly understood and agreed by you that the equipment/materials supplied by you under this 'First Contract', when erected, installed & commissioned by you under the 'Second Contract' shall give satisfactory performance in accordance with the provisions of the Contract.

3.0 CONTRACT PRICE

- 3.1 The total Contract Price for the entire scope of work under this Contract shall be **Rs. 28,16,03,043/- (Rupees Twenty Eight Crore Sixteen Lakh Three Thousand and Forty Three only)** as per the following break-up:

Sl. No.	Price Component	Amount (Rs.)
1.	Local Transportation, In-transit insurance, loading, unloading	4,21,93,733/-
2.	Installation Services	23,94,09,310/-
Total for Supply of Services Contract		28,16,03,043/-

The above Contract Prices are exclusive of reimbursable GST (except for Local Transportation, In-transit insurance, loading and unloading), which shall be reimbursable/payable by SPV in line with provisions of Bidding Documents. Further, prices for Local Transportation, In-transit insurance, loading and unloading (F&I Charges) are inclusive of GST, if applicable and in such case, the Contractor shall raise GST invoice in such a manner that total liability to SPV on account of F&I charges including applicable GST (if any) thereon (mentioned in the Invoice) remain equal to F&I Charges as indicated above.

- 3.2 Notwithstanding the break-up of the Contract Price, the Contract shall, at all times, be construed as a single source responsibility Contract and any breach in any part of the Contract shall be treated as a breach of the entire Contract.
- 4.0 You are required to furnish at the earliest a Performance Security(ies), as per the Bidding Documents, for an amount of **Rs. 84,48,091/- (Rupees Eighty-Four Lakh Forty-Eight Thousand and Ninety-One only)** i.e. equal to 3% (Three percent) of the Contract Price, and valid upto and including **30.09.2023** and any other securities as per the Bidding Documents.




POWER GRID CORPORATION OF INDIA LIMITED

NOA Ref. No.: TBCB/400kV/ RAJ-PHASE-II-PART-F/TW03/G1/NOA-II/06

Date: 02.03.2021

[Notification of Award for 'Supply of Services Contract' for Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route]



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- 5.0 All the bank guarantees shall be furnished from an eligible bank as described in the Bidding Documents.
- 6.0 The schedule for Taking Over/Completion of Facilities by the SPV upon successful completion of the **Transmission Line Package TW03 for Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) associated with Transmission Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II -Part F through tariff based competitive bidding (TBCB) route**, shall be **15 (Fifteen) Months** from the date of issue of this Notification of Award for all contractual purposes or as per the Schedule to be agreed and recorded in the Specific Agreements which shall be incorporated in the Contract Agreement.
- 7.0 This Notification of Award constitutes formation of the Contract and comes into force with effect from the date of issuance of this Notification of Award.
- 8.0 You shall enter into a Contract Agreement with us within twenty-eight (28) days from the date of this Notification of Award.
- 9.0 This Notification of Award is being issued to you in duplicate. We request you to return its duplicate copy duly signed and stamped on each page as a token of your acknowledgement.

Please take the necessary action to commence the work and confirm action.

Yours faithfully,

For and on behalf of
Power Grid Corporation of India Limited

(K K GUPTA)

Chief General Manager (CS)



कैलाश कुमार गुप्ता / KAILASH KUMAR GUPTA
मुख्य महाप्रबंधक (संविदा सेवाएं) / Chief General Manager (CS)
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Power Grid Corporation of India Ltd.
(भारत सरकार का उद्यम) / (A Govt. of India Enterprise)
प्लॉट सं०-2, सेक्टर-29, गुरुगढ़-122 001 (हरियाणा)
Plot No.-2, Sector-29, Gurgaon- 122 001 (Haryana)