BIHAR STATE POWER TRANSMISSION CO. LTD., PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No– 0612-2504655,
M No- 7763817701, Email ID – ce.trans664@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-I of BSPTCL)

Tender Notice (NIT) NO.-15/PR/BSPTCL/2019

Online tenders are invited by Chief Engineer(Project-I) for the followings:-

Description of work	Estimated Cost(Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Completion period
Construction of (2x500 MVA+ 2x160 MVA) 400/220/132 KV GIS Sub-Station at Bakhtiyarpur on Turnkey Basis under State Plan.	250.51 Cr.	1 Cr.	Tender Cost Rs. 11,800.00 to be paid through E-payment mode only to BSPTCL and Rs. 17,700.00 to be paid online for Bid Processing Fee	18 Months from NOA.

Last date of online sale of Bid Document/Request of bid/bid documents:	Up to 27.03.2019, 15:00 Hrs.
Submission of Pre-bid quarries:	Up to 06.03.2019, 16:00 Hrs.
Date of Pre-bid meeting:	On 07.03.2019, 11:00 Hrs.
Last Date of Submission of original Copy of EMD:	Up to 27.03.2019, 17.00 Hrs
Last date of online submission of tender:	Up to 28.03.2019, 16:00 Hrs.
Date of opening of Techno-Commercial Bid (Part-I):	On 29.03.2019, 16:00 Hrs. onward

1. Eligibility Criteria Tender documents, etc are available in downloadable from at websites http://www.eproc.bihar.gov.in.
2. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, NEFT/RTGS".
3. "Bid along with necessary online payments must be submitted through e-payment portal www.eproc.bihar.gov.in before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-I, BSPTCL, Vidyut Bhawan, Patna positively up to 17:00 Hrs. of 27.03.2019 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 17:00 Hrs. of 27.03.2019.

For Chief Engineer (Project I)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration logon to www.eproc.bihar.gov.in and eProcurement Help Desk First Floor, M/22, Bank Of India Building, Road No-25, Sri Krishna Nagar, Patna-800001 at 0612-2523006, Mob:+91-7542028164. While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc.bihar.gov.in only.

'विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करेंसमय एवं खर्च की बचत करें।"

Sd/-
For Chief Engineer (Project I)

Memo No. 122 / Patna dated 20.2.2019

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

Ratan Kumar 20/02/19
For Chief Engineer (Project I)

TECHNICAL REPORT

An estimate amounting to ₹ 664.76 (Rupees Six Hundred Sixty Four Crore Seventy Six Lacs) only including GST has been prepared to meet the expenditure for construction of 400/220/132 KV GIS Grid Substation at Bakhtiyarpur along with associated transmission lines and line bay extension works at remote end as detailed below:

Sl. No.	SCOPE OF WORK	Estimated Cost
A	**NEW SUBSTATION WORK**	**(In Rs.)**
1	2x500 MVA + 2x160 MVA, 400/220/132 KV GIS Sub-Station at Bakhtiyarpur	283.01
B	**LINE BAY EXTENSION WORK**	
1	Sheikhpura GIS, BGCL, 220 KV Ext. (2 Nos. Line Bay)	15.60
2	Hathidah GIS, BGCL, 220 KV Ext. (2 Nos. Line Bay)	15.76
3	Fatuha GIS, BSPTCL, 220 KV Ext. (2 Nos. Line Bay)	41.38
4	Harnaut AIS, BSPTCL, 132 KV Ext. (2 Nos. Line Bay)	3.38
5	Baripahari AIS, BSPTCL, 132 KV Ext. (2 Nos. Line Bay)	25.63
C	**TRANSMISSION LINE WORK**	
1	LILO of Barh-Patna 400 KV D/C (Quad) Trans. Line at Bakhtiyarpur (New)	36.71
2	Bakhtiyarpur (New) to Sheikhpura (New) 220 KV D/C Trans. Line	45.05
3	Bakhtiyarpur (New) to Hathidah (New) 220 KV D/C Trans. Line	45.66
4	Bakhtiyarpur (New) to Fatuha (BSPTCL) 220 KV D/C Trans. Line	26.26
5	Bakhtiyarpur (New) to Harnaut (BSPTCL) 132KV D/C Trans. line	12.56
6	Bakhtiyarpur (New) to Baripahari (BSPTCL) 132KV D/C Trans. line	27.06
D	**Transmission System Total (=A+B+C)**	**578.05**
E	**Contingencies (@3% of D)**	**17.34**
F	**IDC (D:E=80:20) (@10% of D)**	**57.81**
G	**Consultancy (@2% of D)**	**11.56**
H	**GRAND TOTAL (In Rs. Crs.)**	**664.76**

Bihar Transmission System Study was carried out by BSPTCL in consultation with PGCIL to meet power requirement (to the tune of 5620 MW) of Bihar upto 2016-17 (i.e. 12th Plan end) and to identify the system strengthening requirements.

Based on the above study, a transmission system was evolved and was proposed to be implemented in three parts:

- Part-1 included strengthening scheme to be associated with Bihar Sub-Transmission Phase-II Extension Scheme.
- Part-2 was for strengthening of transmission and Sub-Transmission system in the State under Phase-III & Phase-IV. Strengthening in Phase-III was primarily for removal of system constraints. Strengthening in Phase-IV was for augmentation of the system to cater to the future demand growth.
- Part-3 includes work covered under Phase-V, Transmission system for evacuation of Power from 3 nos. Case-2 bidding route generation projects at Pirpainti, Lakhisarai & Buxar.

The scope of works covered under Phase-IV (Part-2) was divided in two parts viz. Phase-IV (Part 1 of 2) and Phase-IV (Part 2 of 2). The scope of works covered under Phase-IV (Part 1 of 2) is being implemented by BGCL and the works covered under Phase-IV (Part 2 of 2) to be implemented by BGCL.

Subsequently, it has been decided that BSPTCL shall construct one no. of 400/220/132 KV GIS Substation Bakthiyarpur along with associated transmission lines and line bay extension works at remote end of the transmission lines posed under Strengthening of Transmission System in Bihar – Phase-IV (2 of 2).

Accordingly, GM-cum-CE, Trans. Zone, Patna has been requested to furnish the estimates for construction of construction of 400/220/132 KV GIS Grid Substation at Bakhtiyarpur along with associated transmission lines and line bay extension works at remote end based on the walkover survey reports of the proposed transmission lines and identification of land for construction of 400/220/132 KV GIS Grid Substation, Bakhtiyarpur.

GM-cum-CE, Trans. Zone, Patna has forwarded the recommended estimated cost for technical sanction for construction of 400/220/132 KV GIS Grid Substation at Bakhtiyarpur along with associated transmission lines and line bay extension works as detailed above.

It is here pertinent to mention that, in the above estimated cost, the cost towards following has not been considered:

a) Cost of Land
b) Cost towards R&R/IGS for Substation,
c) Cost towards Survey & Soil Investigation for Substation,
d) Cost towards Infrastructure for Substation/ Bay Ext. Work,
e) Cost towards Custom Duty on imported items/ materials
f) Cost towards overhead charges payable to BGCL for construction of 02 nos. 220 KV GIS Line Bays at Sheikhpura & Hathidah GIS GSS.

The cost towards 20 Acre Land may be taken as @ Rs. 1.5 Crs. per Acre for estimated purposes and the cost towards R&R/IGS, Survey & Soil Investigation, Infrastructure for Substation/ Bay Ext. Work, Custom Duty on imported items/ materials may be considered as indicated in the DPR of BGCL, which is as detailed below:

Sl. No.	Details	Cost
a)	Cost of 20 Acre Land (@1.5 Crs./Acre)	Rs. 30.00 Crs
b)	Cost towards R&R/IGS for Substation,	Rs. 2.50 Crs.
c)	Cost towards Survey & Soil Investigation for Substation,	Rs. 0.25 Crs.
d)	Cost towards Infrastructure for Substation/ Bay Ext. Work,	Rs. 9.80 Crs.
e)	Cost towards Custom Duty on imported items/ materials	Rs. 28.67 Crs.
f)	Cost towards overhead charges payable to BGCL for construction of 02 nos. 220 KV GIS Line Bays at Sheikhpura & Hathidah GIS GSS,	Rs. 4.04 Crs.
	Total	Rs. 75.26 Crs

As such, the total project cost comes to Rs. 578.05 Crs. (Rs. 502.79 Crs. + Rs. 75.26 Crs)

Further, on adding the cost towards Contingency@3%, IDC@10% and Consultancy@2%, the total cost comes to Rs. 664.76 Crs.

Hence this estimate amounting to ₹ 664.76 (Rupees Six Hundred Sixty Four Crore Seventy Six Lacs) only including GST has been prepared to meet the expenditure for construction of 400/220/132 KV GIS Grid Substation at Bakhtiyarpur along with associated transmission lines may be technically sanctioned.

E.Ex.E. (Project-I) **E.S.E. (Project-I)** **C .E. (Project-I)**

Annexure-II

Bihar State Power Transmission Company Limited (BSPTCL)

Detailed Project Report (DPR)

Approval of the Govt. and estimates

NIT No.- 08/PR/BSPTCL/2019
NIT No.- 17/PR/BSPTCL/2019
NIT No.- 49/PR/BSPTCL/2022

Name of the Work –

08/PR/BSPTCL/2019 - "Construction of 04 Nos. 220 KV GIS Line Bays at GSS Sheikhpura (GIS, BGCL) & 02 nos. 220 KV GIS Line Bays at GSS Hathidah (GIS, BGCL) (Total 06 nos. of GIS Line Bays)."

17/PR/BSPTCL/2019 - "Construction of 2x80MVA, 132/33 KV Gas Insulated Sub-station at Board colony Patna"

49/PR/BSPTCL/2022 - "(i) Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Tajpur (Dist.- Samastipur) with SAS including Residential Quarters under turnkey basis. (ii)Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Thakurganj (Dist.- Kishanganj) with SAS"

बिहार सरकार
ऊर्जा विभाग

पत्रांक–90 / BSPTCL-03/2018 पटना, दिनांक–

सेवा में,

महालेखाकार (लेखा एवं हक),
बिहार, वीरचन्द पटेल मार्ग, पटना।

विषयः बिहार स्टेट पावर ट्रान्समिशन कं० लि० के अन्तर्गत संचरण प्रणाली के सुदृढ़ीकरण हेतु कुल 7 (सात) नये ग्रिड सब–स्टेशन के निर्माण एवं सारण जिला के एकमा अवस्थित 132/33 KV GSS का विस्तारीकरण एवं संबंधित 220 KV के 612.20 CKM (अनुमानित) एवं 132 KV के 728 CKM (अनुमानित) संचरण लाइन एवं monopole/narrow tower के माध्यम से विभिन्न 220 एवं 132 KV संचरण लाइनों के निर्माण हेतु कुल 2149.35 करोड़ (दो हजार एक सौ उन्चास करोड़ पैंतीस लाख) रूपये की योजना की स्वीकृति एवं उक्त स्वीकृत कुल राशि का 20% अर्थात 429.87 करोड़ (चार सौ उन्नतीस करोड़ सतासी लाख) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात् 1719.48 करोड़ (सत्रह सौ उन्नीस करोड़ अड़तालीस लाख) रू० राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति एवं इस योजना के कार्यान्वयन हेतु वित्तीय वर्ष 2018–19 में 50.00 करोड़ (पचास करोड़) रूपये बिहार स्टेट पावर ट्रान्समिशन कं० लि० को उपलब्ध कराने की स्वीकृति प्रदान करने के संबंध में।

आदेशः– स्वीकृत।

बिहार राज्य के अन्तर्गत पटना शहरी क्षेत्र, वैशाली, किशनगंज, नालंदा, समस्तीपुर, अररिया एवं सारण जिलों में निकटतम भविष्य में होनेवाली आधारभूत संरचना के विकास एवं उसके विस्तारीकरण के मद्देनजर बढ़ती विद्युत माँग को पूरा करने हेतु ट्रांसमिशन कम्पनी के अध्ययनोपरांत संचरण प्रणाली के विस्तारीकरण एवं सुदृढ़ीकरण हेतु 2149.35 करोड़ (दो हजार एक सौ उन्चास करोड़ पैंतीस लाख) रूपये की योजना का कार्यान्वयन निम्नलिखित रूप से प्रस्तावित है:–

(i) इस योजना के अन्तर्गत एक नये 220/132/33 के०भी० जी०आई०एस० ग्रिड उपकेन्द्र, दीघा (नयी) एवं एक 132/33 के०भी० जी०आई०एस० ग्रिड उपकेन्द्र बोर्ड कॉलनी, पटना में सम्बन्धित 220 के०भी० के 192 सर्किट किलोमीटर एवं 132 के०भी० के 18 सर्किट किलोमीटर (अनुमानित) नयी संचरण लाइन का निर्माण।

(ii) वैशाली जिला के गोरौल में एक नये 2x160+3x50 एम०भी०ए० क्षमता वाली, किशनगंज जिला के ठाकुरगंज में एक नये 2x160+3x50 एम०भी०ए० क्षमता वाली, नालंदा जिला के अस्थावाँ में एक नये 2x160+3x50 एम०भी०ए० क्षमता वाली, समस्तीपुर जिला के ताजपुर में एक नये 2x160+3x50 एम०भी०ए० क्षमता वाली, पलासी (अररिया) में एक नये 2x50 एम०भी०ए० क्षमता वाली 132/33 के०भी० ग्रिडसब–स्टेशन तथा सारण जिला में अवस्थित 132/33 के०भी० ग्रिड सब–स्टेशन, एकमा का विस्तारीकरण एवं संबंधित 220 के०भी० के 612.20 सर्किट किलोमीटर (अनुमानित) एवं 132 के०भी० के 728 सर्किट किलोमीटर (अनुमानित)संचरण लाइन का निर्माण।

(iii) इसके अलावा monopole/narrow based tower के माध्यम से विभिन्न 220 एवं 132 के०भी० संचरण लाइनों का निर्माण।

2. नालंदा जिले में अस्थायी फीडर के overload होने के कारण इस क्षेत्र की विद्युत मांग में काफी वृद्धि हुई है तथा भविष्य में और वृद्धि होने का अनुमान है। इसके अलावा किशनगंज जिले का ठाकुरगंज प्रखण्ड में चाय की फैक्ट्रियाँ अत्यधिक है एवं भविष्य में चावल उत्पादन होने की सम्भावना है, साथ ही निकटवर्ती पश्चिम बंगाल एवं नेपाल के लिए भी वैकल्पिक संचरण स्रोत की उपलब्धता हो जाएगी। अररिया जिले के फलासी क्षेत्र के बढ़े हुए माँगों की पूर्ति हेतु वर्तमान में अवस्थित फारबिसगंज ग्रिड सक्षम नहीं है। इसी क्रम में वैशाली जिले का गोरौल प्रखण्ड में विद्युत मांग में काफी वृद्धि हुई है तथा भविष्य में और वृद्धि होने का अनुमान है। कुल मिलाकर वर्तमान में अवस्थित ग्रिड उपकेन्द्र बढ़े हुए मांग की पूर्ति करने में सक्षम नहीं है। फलस्वरूप इस क्षेत्र में गुणवत्तापूर्ण विद्युत उपलब्ध नहीं हो पाती है। साथ ही लाईन की लम्बाई अधिक होने के कारण अधिक लाईन लॉस होती है और लो वोल्टेज की समस्या बनी रहती है। गया–कदा ब्रेक–डाउन भी होते रहते हैं। अतः इस क्षेत्र के उपभोक्ताओं को गुणवत्तापूर्ण विद्युत आपूर्ति करने के लिए उपरोक्त ग्रिड उपकेन्द्रों की स्थापना आवश्यक है। इस योजना के अंत में पटना शहरी क्षेत्र, वैशाली, किशनगंज, नालंदा, समस्तीपुर, अररिया एवं सारण जिलों में सम्भावित 1100 मेगावाट की अतिरिक्त विद्युत उपलब्धता हो सकेगी।

3. उक्त आलोक में राज्य सरकार द्वारा बिहार स्टेट पावर ट्रान्समिशन कं० लि० के अन्तर्गत संचरण प्रणाली के सुदृढ़ीकरण हेतु कुल 7 (सात) नये ग्रिड सब–स्टेशन के निर्माण एवं सारण जिला के एकमा अवस्थित 132/33 KV GSS का विस्तारीकरण एवं संबंधित 220 KV के 612.20 CKM (अनुमानित) एवं 132 KV के 728 CKM (अनुमानित) संचरण लाइन एवं monopole/narrow tower के माध्यम से विभिन्न 220 एवं 132 KV संचरण लाइनों के निर्माण हेतु कुल 2149.35 करोड़ (दो हजार एक सौ उन्चास करोड़ पैंतीस लाख) रूपये की योजना की स्वीकृति एवं उक्त स्वीकृत कुल राशि का 20% अर्थात 429.87 करोड़ (चार सौ उन्तीस करोड़ सतासी लाख) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात् 1719.48 करोड़ (सत्रह सौ उन्नीस करोड़ अड़तालीस लाख) रू० राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति एवं इस योजना के कार्यान्वयन हेतु वित्तीय वर्ष 2018–19 में 50.00 करोड़ (पचास करोड़) रूपये बिहार स्टेट पावर ट्रान्समिशन कं० लि० को उपलब्ध कराने की स्वीकृति प्रदान की जाती है।

4. उक्त राशि माँग सं०–10, मुख्य शीर्ष 4801–बिजली परियोजनाओं पर पूँजीगत परिव्यय, उप मुख्य शीर्ष–05 संचरण तथा वितरण, लघु शीर्ष–789–अनुसूचित जातियों के लिये विशेष घटक योजना, उपशीर्ष–0101– बिहार स्टेट पावर ट्रान्समिशन कम्पनी लि० की परियोजना, विपत्र कोड–10 –4801057890101, विषय शीर्ष 5401–निवेश के अन्तर्गत वित्तीय वर्ष 2018–19 में उपबंधित राशि से विकलनीय होगा।

5. इस राशि की निकासी उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, बिहार, पटना के द्वारा सचिवालय कोषागार, सिंचाई भवन, पटना से कर बिहार स्टेट पावर ट्रान्समिशन कं० लि० के व्यतिक्रम लेखा खाता (पी०एल०खाता) के मुख्य शीर्ष 9448–स्थानीय निधियों की जमा, उप मुख्य शीर्ष–00, लघु शीर्ष–120– अन्य निधियाँ, उपशीर्ष– 0044– बिहार स्टेट पावर ट्रान्समिशन कं० लि०, व्यय शीर्ष–एल० 8448001200044 एवं प्राप्तियाँ–के० 8448001200044 में जमा की जायेगी।

6. बिहार स्टेट पावर ट्रान्समिशन कं० लि० द्वारा राशि की निकासी कोषागार में खोले गये पी०एल० खाता संख्या–PLA272 से की जायेगी।

7. वित्त विभाग के परिपत्र संख्या 7355 दिनांक 05.10.2007 के अनुसार इसमें प्राधिकार पत्र की आवश्यकता नहीं है।

8. उक्त योजना की स्वीकृति पर सक्षम प्राधिकार मंत्रिपरिषद् का अनुमोदन संचिका संख्या–प्र0/BSPTCL-03/2018 के पृष्ठ संख्या 11/टि0 पर दिनांक 11.07.2018 को प्राप्त है।

9. राज्यादेश पर आन्तरिक वित्तीय सलाहकार की सहमति संचिका संख्या–प्र0/BSPTCL-03/2018 के पृष्ठ संख्या–14/टि0 पर दिनांक–18.07.2018 को प्राप्त है।

बिहार राज्यपाल के आदेश से

ह0/–
(प्रत्यय अमृत)
सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPTCL-03/2018. पटना, दिनांक–

प्रतिलिपि– कोषागार पदाधिकारी, सचिवालय कोषागार, सिंचाई भवन, पटना/महालेखाकार (लेखा एवं परीक्षा) बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/–
सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPTCL-03/2018. 2028 पटना, दिनांक– 24/07/2018

प्रतिलिपि:–वित्त विभाग, बजट शाखा/प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव, योजना एवं विकास विभाग, बिहार, पटना/विशेष सचिव, मंत्रिमंडल सचिवालय विभाग, बिहार, पटना/बजट शाखा, ऊर्जा विभाग, पटना/उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, पटना/लेखा शाखा, ऊर्जा विभाग (तीन प्रतियों में), पटना/आई0टी0 मैनेजर, ऊर्जा विभाग, पटना/अध्यक्ष–सह–प्रबन्ध निदेशक, बिहार स्टेट पावर (होल्डिंग) कम्पनी लि0/प्रबन्ध निदेशक, बिहार स्टेट पावर ट्रान्समिशन कम्पनी लि0 को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

Bihar State Power Transmission Company Ltd., Patna

A subsidiary company of Bihar State Power (Holding) Company Ltd., Patna
CIN – U74110BR2012SGC018889
[SAVE ENERGY FOR BENEFIT OF SELF AND NATION]
Head Office, VidyutBhawan, Bailey Road, Patna – 800021,

Name Of Work: -

- Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Tajpur (Dist.- Samastipur) with SAS on turnkey basis.
- Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Thaurganj (Dist.- Kishanganj) with SAS on turnkey basis.
- Construction of praposed 220 KV D/C Transmission Line from PGCIL Banka to BGCL Goradih with ACSR Zebra Conductor (Line Length - 39 RKM) on turnkey basis.

A. Estimate for construction of Proposed (2x160MVA+3x50 MVA), 220/132/33KV GSS, Tajpur (Dist.- Samastipur)

Sl. No.	Description	Total Value exclusive of GST (In Rs.)
1	Supply of materials cost	73,18,90,556.40
2	Freight & Insurance on (1)	2,92,75,622.26
3	Erection cost (electrical items)	2,50,27,553.00
4	Erection cost (civil items)	33,81,39,109.88
5	Sub Total (1 + 2 + 3 +4)	1,12,43,32,841.54
6	GST @ 18 % on 5	20,23,79,911.5
7	Tender Estimated cost	**1,32,67,12,753.02**
8	Actual cost of Land	15,24,77,924.00
9	Total	1,47,91,90,677.02
10	Contingency @3% on (9)	4,43,75,720.31
11	IDC @ 8% on 80 % (9)	9,46,68,203.33
12	Consultancy @ 2% on (9)	2,95,83,813.54
	A:----------Grand Total (Rs.)	**1,64,78,18,414.20**

B. Estimate for construction of Proposed (2x160MVA+3x50 MVA), 220/132/33KV GSS, Thakurganj (Dist.- Kishanganj)

1	Supply of materials cost	73,18,90,556.40
2	Freight & Insurance on (1)	2,92,75,622.26
3	Erection cost (electrical items)	2,50,27,553.00
4	Erection cost (civil items)	31,47,34,661.63
5	Sub Total (1 + 2 + 3 +4)	1,10,09,28,393.29
6	GST @ 18 % on 5	19,81,67,110.79
7	Tender Estimated cost	**1,29,90,95,504.08**
8	Actual cost of Land	09,63,77,060.00
9	Total	1,39,54,72,564.08
10	Contingency @3% on (9)	4,18,64,176.92
11	IDC @ 8% on 80 % (9)	8,93,10,244.10
12	Consultancy @ 2% on (9)	2,79,09,451.28
	B:----------Grand Total (Rs.)	**1,55,45,56,436.39**

C. Estimate for Construction of proposed 220 KV D/C Transmission Line from PGCIL Banka to BGCL Goradih with ACSR Zebra Conductor (Line Length - 39 RKM)

1	Supply of materials cost	31,47,22,283.94
2	Freight & Insurance on (1)	1,25,88,891.36
3	Erection cost (electrical & Civil Items)	9,25,05,877.33
4	Sub Total **(1 + 2 + 3)**	41,98,17,052.63
5	GST@ 18 % on 4	7,55,67,069.47
6	Seignior age fee	1,89,603.87
7	Total Tender estimated cost	**49,55,73,725.97**
8	Contingency @3% on **(7)**	1,48,67,211.78
9	IDC @ 8% on 80 % **(7)**	3,17,16,718.46
10	Consultancy @ 2% on **(7)**	99,11,474.52
	C:----------Grand Total (Rs.)	**55,20,69,130.73**
	Grand Total (A+B+C)	**375,44,43,981.32**
	TOTAL (Say)	**375,44,43,981.00**

10/06/2022 (A.Ex.E/P-I) | 10/06/2022 (EEE/P-I) | 10.6.22 (ESE/P-I) | Ratan Kumar 10/06/22 (CE/P-I)

Estimate No. 16 **Dated** 14.06.2022

TECHNICALLY SANCTIONED

- **For Rs. 375,44,43,981.00 (Three Hundred Seventy Five Crores Forty Four Lacs Forty Three Thousand Nine Hundred Eighty One only)**

14/06/22

(Hare Ram Panday)
Director (Projects), BSPTCL

BIHAR STATE POWER TRANSMISSION CO. LTD., PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No– 0612-2504655,
M No- 7763816743, Email ID – ceproject2bsptcl@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

Tender Notice (NIT) NO.- 08/PR/BSPTCL/2019

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost (Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Completion period
Construction of 04 Nos. 220 KV GIS Line Bays at GSS Sheikhpura(GIS, BGCL) & 02 nos. 220 KV GIS Line Bays at GSS Hathidah (GIS, BGCL) (Total 06 nos. of GIS Line Bays) on turnkey basis under state plan (80:20 ratio).	46.95 Cr.	46.95 Lakh	Tender Cost Rs. 11,800.00 to be paid through E-payment mode only to BSPTCL and Rs. 17,700.00 to be paid online for Bid Processing Fee	12 Months from NOA.

Last date of online sale of Bid Document/Request of bid/bid documents:	Upto 06 /02 /2019 , 15:00 Hrs.
Submission of pre-bid queries:	Before 16/01/2019, 23:00 Hrs.
Date of Pre-bid meeting:	On 18 /01/ 2019 , 11:00 Hrs.
Last date of online submission of tender:	Upto 06/02 /2019 , 16:00 Hrs.
Date of opening of Techno-Commercial Bid (Part-I):	On 07/02 /2019 , 16 :00 Hrs. onwards

1. Eligibility Criteria, Tender documents etc. are available in downloadable from at websites http://www.eproc.bihar.gov.in
2. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, NEFT/RTGS".
3. "Bid along with necessary online payments must be submitted through e-payment portal www.eproc.bihar.gov.in before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".

Sd/-
Chief Engineer (Project-II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration logon to www.eproc.bihar.gov.in and eProcurement Help Desk First Floor, M/22, Bank Of India Building, Road No-25, Sri Krishna Nagar, Patna-800001 at 0612-2523006, Mob:+91-7542028164. While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc.bihar.gov.in only.

'विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करें समय एवं खर्च की बचत करें।"

Sd/-
(Dileep Kumar)
Chief Engineer (Project-II)

Memo No. 52 / Patna dated 09/01/19 /

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

09/01/19
(Dileep Kumar)
Chief Engineer (Project-II)

BIHAR STATE POWER TRANSMISSION CO. LTD., PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No– 0612-2504655,
M No- 7763816743, Email ID – ceproject2bsptcl@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

Tender Notice (NIT) NO.- 17/PR/BSPTCL/2019

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost (Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Completion period
Construction of 2x80 MVA, 132/33 KV Gas Insulated Sub-station at Board Colony Patna on turnkey basis.	63.63 Cr.	63.63 Lakh.	Tender Cost Rs. 11,800.00 to be paid through E-payment mode only to BSPTCL and Rs. 17,700.00 to be paid online for Bid Processing Fee	18 months from NOA

Last date of online sale of Bid Document/Request of bid/bid documents:	Up to 27.03.2019, 15:00 Hrs.
Submission of Pre-bid quarries:	Up to 06.03.2019, 16:00 Hrs.
Date of Pre-bid meeting:	On 07.03.2019, 11:00 Hrs.
Last Date of Submission of original Copy of EMD:	Up to 27.03.2019, 17.00 Hrs
Last date of online submission of tender:	Up to 28.03.2019, 16:00 Hrs.
Date of opening of Techno-Commercial Bid (Part-I):	On 29.03.2019, 16:00 Hrs. onward

1. Eligibility Criteria Tender documents, etc are available in downloadable from at websites http://www.eproc.bihar.gov.in
2. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, NEFT/RTGS".
3. "Bid along with necessary online payments must be submitted through e-payment portal www.eproc.bihar.gov.in before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-I, BSPTCL, Vidyut Bhawan, Patna positively up to 17:00 Hrs. of 27.03.2019 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 17:00 Hrs. of 27.03.2019.

Chief Engineer (Project II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration logon to www.eproc.bihar.gov.in and eProcurement Help Desk First Floor, M/22, Bank Of India Building, Road No-25, Sri Krishna Nagar, Patna-800001 at 0612-2523006, Mob:+91-7542028164. While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc.bihar.gov.in only.

'विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करें समय एवं खर्च की बचत करें।"

(A.K. Chaudhary)
Chief Engineer (Project II)

BIHAR STATE POWER TRANSMISSION CO. LTD., PATNA
(GST No. :- 10AAFCB2393H1Z1, CIN – U74140BR2012SGC01889)
Head Office, Vidyut Bhawan, Bailey Road, Patna- 800021
(Department of Project-I of BSPTCL)
Email address- ee.trans664@gmail.com Mob. No. 7763817701
Website- www.bsptcl.in

Tender Notice (NIT) NO - 49 /PR/BSPTCL/2022
(Through é-procurement mode only –www.eproc2.bihar.gov.in)

Online e-Tenders are invited by Chief Engineer (Project-I) for the following:-

Description of work	Estimated Cost (Rs.)	E.M.D. (Rs.)	Cost of B.O.Q. (Non-Refundable) (Rs.)	Bid Processing Fee (Rs.)	Completion period
(i) Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Tajpur (Dist.-Samastipur) with SAS including Residential Quarters under turnkey basis. (ii) Construction of (2x160MVA+3x50 MVA), 220/132/33KV GSS, Thakurganj (Dist.-Kishanganj) with SAS including Residential Quarters under turnkey basis. (iii) Construction of 220 KV D/C Transmission Line from PGCIL Banka to BGCL Goradih with ACSR Zebra Conductor (Line Length - 39 RKM).	312.12 Cr	1.00 Cr.	11,800	5900	18 (Eighteen) months from N.O.A.

Bid submission End Date and Time	Up to 15:00 Hrs. of 06.12.2022
Date of Pre-bid meeting	On 11:00 Hrs. of 18.11.2022
Date of opening of Techno-Commercial Bid (Part-I):	After 16:00 Hrs. of 08.12.2022

1. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, NEFT/ RTGS".
2. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/ Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-I, BSPTCL, Vidyut Bhawan I, Patna positively up to 16:00 Hrs. of 06.12.2022 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 16:00 Hrs. of 06.12.2022.
3. "Bid along with necessary online payments must be submitted through e-payment portal https://eproc2.bihar.gov.in/ before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. Eligibility Criteria, tender documents along with General/Special condition, bids and any corrigendum/ addendum of the tender are available only at website **www.eproc2.bihar.gov.in**.
5. The instant NIT is declared under special contract of BSPTCL and SBD clause No. 2.0.1 will be applicable on this NIT.

Chief Engineer (Project-I)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration log in to www.eproc2.bihar.gov.in and e-Procurement Help Desk Toll free No: 1800 572 6571 , Email Id: eproc2support@bihar.gov.in
Working Hours: 8AM to 7PM (All days in week except few selected state holidays).
While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc2.bihar.gov.in only.

"विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करें समय एवं खर्च की बचत करें।

Sd/-
(Ratan Kumar)
Chief Engineer (Project-I)

Instant matter is regarding construction of GIS Sub-stations, Bays and construction of Underground transmission lines vide following NIT's as detailed below:

S.No.	NIT No.	Details of work
1.	03/PR/BSPTCL/2019	Construction of (2X500 MVA+ 2X160 MVA 400/220/132 KV GIS sub-station at Bakhtiyarpur.
2.	04/PR/BSPTCL/2019	Construction of 4 Nos of 220 KV GIS bays and 4 nos of 132 KV GIS bays at 220/132/33 KV GIS Chhupra(new), Armour.
3.	05/PR/BSPTCL/2019	Construction of (2x200 MVA +2x80 MVA, 220/132/33 KV Gas Insulated Substation at Digha New on turnkey basis.
4.	06/PR/BSPTCL/2019	Construction of (2x80 MVA) 132/33 GIS sub-station at Board Colony Patna New.
5.	07/PR/BSPTCL/2019	Construction of 132 KV DC transmission line with cable from 220/132/ 33 KV Gas Insulated Substation at Digha new to 132KV 33 KV Gas Insulated Substation at Board colony CKM 14KM and construction of 132 KV SC transmission line with cable from 220/ 132/33 KV Gas Insulated Substation at Digha new to Digha Old CKM 1KM.
6.	130/PR/BSPTCL/2019	Construction of 2-Phase line from TSS Sabour to GSS Sabour (BSPTCL) route length -3.0KM

Original due date for opening of bids was 07.02.19, but no any bidder participated till the original due date i.e. 07.02.2019. As such, all the NIT's were extended upto 13.02.19.

It is relevant to mention here that as per the Notification issued by Department of Industrial Policy and Promotion, (DIPP) GoI, Ministry of Commerce & Industry vide Notification no.P-45021/2/2017-PP (BE-II) dated 15.06.17 & revised Notification 11.05.18-Gazed dated 20.12.18 regarding adoption of Public Procurement (Preference to Make in India) to provide for purchase preference (linked with local content) in respects of Transmission Power sector, BSPTCL have also adopted the same and 'CORRIGENDUM-04' was upload against all aforesaid tenders on date 08.02.19.

Although some bids were received against above NIT, but due to inclusion of DIPP notification, following bidders has requested to extent the due date:

(i) M/s New North East Electric India Private Ltd.,New Delhi (C/194)
(ii) M/s EEP Rajkiya Nirman Nigam Ltd.,Noida (C/193)
(iii) M/s TBEA, Vadodara,Gujrat.(C/190)
(iv) M/s Sterling & Wilson, Mumbai (C/192-191)
(v) M/s Larsen & Turbo Ltd.,Mumbai.(C/187)
(vi) M/s Hyosung T&D India Pvt. Ltd., Pune (C/188)

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It is pertinent to mention that Corrigendum against DIPP had been uploaded on 08.02.19 and due date of opening was on 13.02.19. However, the evaluation process, based upon DIPP is also to be provided as part of tender specifications to avoid any dispute/litigation during processing of tenders/bids.

In view of the above and request submitted by the prospective bidders it is appropriate to go for cancellation and inviting fresh tenders for above works.

Put up for kind perusal and approval for cancellation of tenders and to re-invite tenders for works covered under the above NITs.

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TRANSMISSION CIRCLE PURNEA

A Subsidiary Company of Bihar State Power (Holding) Company Ltd. Patna

CIN – U40102BR2012SGC018889

[SAVE ENERGY FOR BENEFIT OF SELF AND NATION]

(In the campus of 132/33 KV Grid Sub-Station, Purnea-854301)

(A Govt. of Bihar Undertaking)

Letter No: 1264 Purnea dated: 01/11/2017

From,

Er. Satya Narayan Kumar,
Electrical Superintending Engineer.

To,

G.M-Cum-CE
Transmission Zone Muzaffarpur

Sub: - Regarding feasibility for construction of new GSS at Thakurganj area under Kishanganj District.

Ref: - i) Hon'ble MLA Thakurganj L. No. 234/17 dated 12/09/17
ii) Hon'ble director BSPTCL L. No. 191 dated 23/10/17
iii) Your office memo no. 1992 dated 30/10/17

Sir,

With reference to above, it is to say that Thakurganj is 55KM away from district headquarter Kishanganj. It is only region in Bihar, Where tea plantation & pineapple is grown. There is ample scope of tea processing industries and food processing unit based on pineapple but quality power is not being fed in the area due to long distance of 33KV Line. Rice is also grown as main cereals thus there are several rice mills in the area. In the thakurganj region, three PSS are in running condition and 4-5 PSS are under construction under DDUGJY and IDPS scheme.

Revenue GSS, Araria and Baisi are under Araria District & Purnea district. Further, Thakaurganj block is just opposite to this GSS and also newly constructed 220/132/33 KV GSS, Kishanganj (New). Araria, Baisi & Kishanganj (New) GSS will be approx. 100KM, 85KM & 65KM away from Thakurganj. Feeding 33KV from these GSS will not be useful. Construction of additional 33KV bays at 132/33KV GSS, Kishanganj is going on but feeding 33KV Power from existing 132/33KV GSS, Kishanganj will exhibit same problem as presently occurring. Further, several PSS is also coming to other region of the Kishanganj district.

In view of the above, construction of GSS in Thakurganj block of the Kishanganj district seems not only feasible but also it is very much required for feeding the quality power to the region.

Enclosure- Report submitted by
AEE & EEE concern

Yours Faithfully
01/11/17
(Er. Satya Narayan Kumar)
Electrical Superintending Engineer

3552
16/11/17
O/T.
Proposed Thakurganj Gss
BL No 1792 dt 30.10.17
16/11/17

Annexure-III

Bihar State Power Transmission Company Limited (BSPTCL)

Detailed Project Report (DPR) Approval of the Govt. and estimates

NIT No.- 11/PR/BSPTCL/2021
NIT No.- 13/PR/BSPTCL/2021
NIT No.- 14/PR/BSPTCL/2021
NIT No.- 15/PR/BSPTCL/2021

Name of the Work –

11/PR/BSPTCL/2021 - "Construction of 132/33 KV GSS at Barachatti (Gaya) (2×50 MVA) along with 2 nos. of 132 KV line bays at Chandauti GSS and Construction of 132/33 KV GSS at Bhore (Gaya) (2×50 MVA)."

13/PR/BSPTCL/2021 - "Construction of 132/33 KV 3x MVA GSS Nabinagar (Dist.: - Aurangabad) and Construction of 132/33 KV 2x50 GSS Daudnagar"

14/PR/BSPTCL/2021 - "LILO of 132 KV Sonenagar - Rihand (Ckt-I) Transmission line at GSS Nabinagar and LILO of 132 KV Sonenagar - Chandauti (Ckt-I) at GSS Daudnagar"

15/PR/BSPTCL/2021 - "132 KV D/C Transmission Line from Murliganj to Udaikishanganj, LILO of one circuit of Ramnagar–Dhanha 132 KV D/C line, and LILO of both circuits of Goradih–Sabour 132 KV GIS line"

बिहार सरकार
ऊर्जा विभाग

पत्रांक–प्र02 / BSPTCL–02 / 2020 पटना, दिनांक–

सेवा में,

महालेखाकार (लेखा एवं हक),
बिहार, वीरचन्द पटेल मार्ग, पटना।

विषयः– **बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 के अन्तर्गत संचरण प्रणाली के सुदृढ़ीकरण हेतु बगहा(प0 चम्पारण), भोरे (गया), दाउदनगर (औरंगाबाद), बाराचट्टी (गया), बरारी (भागलपुर) में नये 2X50 एम0भी0ए0 क्षमता वाली 132/33 के0भी0 ग्रिड सब–स्टेशन, नवीनगर (औरंगाबाद) में 3X50 एम0भी0ए0, 132/33 के0भी0 ग्रिड सब–स्टेशन एवं इससे संबंधित संचरण लाईन के निर्माण की 703.16 करोड़ (सात सौ तीन करोड़ सोलह लाख) रूपये की नयी योजना की स्वीकृति एवं उक्त राशि का 20% अर्थात 140.632 करोड़ (एक सौ चालीस करोड़ तीरेसठ लाख बीस हजार) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात 562.528 करोड़ (पाँच सौ बासठ करोड़ बावन लाख अस्सी हजार) रूपये राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति एवं इस योजना के कार्यान्वयन हेतु वित्तीय वर्ष 2020–21 में 10.00 करोड़ (दस करोड़) रूपये बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 को उपलब्ध कराने की स्वीकृति प्रदान करने के संबंध में।**

आदेश–स्वीकृत।

राज्य की विद्युत प्रणाली में हो रहे चतुर्दिक विकास के कारण विद्युत मांग में उत्तरोत्तर वृद्धि की पूर्ति हेतु बगहा (प0 चम्पारण), भोरे (गया), दाउदनगर (औरंगाबाद), बाराचट्टी (गया), बरारी (भागलपुर) में नये 2X50 एम0भी0ए0 क्षमता वाली 132/33 के0भी0 ग्रिड सब–स्टेशन, नवीनगर (औरंगाबाद) में 3X50 एम0भी0ए0, 132/33 के0भी0 ग्रिड सब–स्टेशन एवं इससे संबंधित संचरण लाईन के निर्माण हेतु 703.16 करोड़ रूपये की योजना की स्वीकृति हेतु प्रस्तावित था। नये ग्रिड उपकेन्द्रों से उपरोक्त क्षेत्रों में गुणवत्तापूर्ण विद्युत आपूर्ति दिया जाना है।

2. वर्त्तमान में उपरोक्त प्रस्तावित ग्रिड क्षेत्रों में विद्युत की आपूर्ति क्रमशः 132/33 के0भी0 ग्रिड उपकेन्द्र रामनगर, बोधगया, औरंगाबाद, शेरघाटी, सबौर एवं पी0एस0एस0 वारूण से की जाती है। उपरोक्त सभी चालू ग्रिड उपकेन्द्र बढ़े हुए मांग को पूर्ति करने के लिए पर्याप्त नहीं है। संचरण लाईन की लम्बाई अधिक होने के कारण संचरण क्षति (Line Loss) ज्यादा होती है एवं उन ग्रिड उपकेन्द्रों से वर्त्तमान में सम्बन्धित 33 के0भी0 वितरण लाईनों की लम्बाई अधिक होने से कम वोल्टेज (Low Voltage) तथा Tripping की समस्या बनी रहती है। साथ ही साथ रख–रखाव में भी कठिनाईयों का सामना करना पड़ता है। यदा–कदा ब्रेक–डाउन भी होते रहते हैं। अतः इस क्षेत्र में गुणवत्तापूर्ण विद्युत आपूर्ति करने के लिए उक्त छः नये 132/33 के0भी0 ग्रिड उपकेन्द्रों की स्थापना आवश्यक है।

प्रस्तावित ग्रिड उपकेन्द्रों तथा उससे संबंधित संचरण लाईनों के निर्माण हेतु अनुमानित लागत का विवरण निम्नवत् है:–

क्र0 सं0	कार्य का विवरण	अनुमानित लागत (रूपये में)
(i)	प0 चम्पारण जिला, बगहा प्रखण्ड में 2X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	118.67 करोड़
(ii)	गया जिला, मानपुर प्रखण्ड (भोरे) में 2X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	70.27 करोड़
(iii)	औरंगाबाद जिला, दाउदनगर प्रखण्ड में 2X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	149.74 करोड़

(iv)	गया जिला, बाराचट्टी प्रखण्ड में 2X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	112.56 करोड़
(v)	भागलपुर जिला, सबौर (बरारी) प्रखण्ड में 2X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	156.31 करोड़
(vi)	औरंगाबाद जिला, नवीनगर प्रखण्ड में 3X50 एम0भी0ए0 132/33 के0भी0, क्षमता के एक ग्रिड उपकेन्द्र, इससे संबंधित संचरण लाईन का निर्माण।	95.61 करोड़
	कुलः–	703.16 करोड़

3. उक्त आलोक में बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 के अन्तर्गत संचरण प्रणाली के सुदृढ़ीकरण हेतु बगहा(प0 चम्पारण), भोरे (गया), दाउदनगर (औरंगाबाद), बाराचट्टी (गया), बरारी (भागलपुर) में नये 2X50 एम0भी0ए0 क्षमता वाली 132/33 के0भी0 ग्रिड सब–स्टेशन, नवीनगर (औरंगाबाद) में 3X50 एम0भी0ए0, 132/33 के0भी0 ग्रिड सब–स्टेशन एवं इससे संबंधित संचरण लाईन के निर्माण की 703.16 करोड़ (सात सौ तीन करोड़ सोलह लाख) रूपये की नयी योजना की स्वीकृति एवं उक्त राशि का 20% अर्थात 140.632 करोड़ (एक सौ चालीस करोड़ तीरेसठ लाख बीस हजार) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात 562.528 करोड़ (पाँच सौ बासठ करोड़ बावन लाख अस्सी हजार) रूपये राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति एवं इस योजना के कार्यान्वयन हेतु वित्तीय वर्ष 2020–21 में 10.00 करोड़ (दस करोड़) रूपये बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 को उपलब्ध कराने की स्वीकृति प्रदान की जाती है।

4. उक्त राशि माँग सं0–10, मुख्य शीर्ष 4801–बिजली परियोजनाओं पर पूँजीगत परिव्यय–उप मुख्य शीर्ष–05 संचरण तथा वितरण, लघु शीर्ष–190–सार्वजनिक क्षेत्र के तथा अन्य उपक्रमों में निवेश, उपशीर्ष–0105–बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 की परियोजना, विपत्र कोड–10–4801051900105 विषय शीर्ष 54 01–निवेश के अन्तर्गत वित्तीय वर्ष 2020–21 में उपबंधित राशि से विकलनीय होगा।

5. इस राशि की निकासी उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, बिहार, पटना के द्वारा CFMS के माध्यम से सचिवालय कोषागार, सिंचाई भवन, पटना से कर बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 के व्यक्तिगत लेखा खाता (पी०एल० खाता) के मुख्य शीर्ष 8448–स्थानीय निधियों की जमा, उप मुख्य शीर्ष–00, लघु शीर्ष–120–अन्य निधियाँ, उपशीर्ष–0044–बिहार स्टेट पावर ट्रान्समिशन कं0 लि०, व्यय शीर्ष–L8448001200044 एवं प्राप्तियाँ–K–8448001200044 में जमा की जाएगी।

6. बिहार स्टेट पावर ट्रान्समिशन कं0 लि० द्वारा राशि की निकासी कोषागार में खोले गए पी०एल० खाता संख्या–PLA272/CFMS खाता संख्या–PTSPLA014 से की जाएगी।

7. वित्त विभाग के परिपत्र संख्या 7355 दिनांक 05.10.2007 के अनुसार इसमें प्राधिकार पत्र की आवश्यकता नहीं है।

8. उक्त योजना की स्वीकृति हेतु मंत्रिपरिषद् का अनुमोदन संचिका संख्या–प्र02/BSPTCL–02/2020 के पृष्ठ संख्या–9/टि0 पर दिनांक–08.04.2020 को प्राप्त है।

9. राज्यादेश पर आंतरिक वित्तीय सलाहकार की सहमति संचिका संख्या–प्र02/BSPTCL–02/2020 पृष्ठ संख्या–11/टि0 पर दिनांक–13.04.2020 को प्राप्त है।

बिहार राज्यपाल के आदेश से

ह0/–

(प्रत्यय अमृत)

सरकार के प्रधान सचिव।

ज्ञापांक–प्र02 / BSPTCL–02 / 2020 / पटना, दिनांक–

प्रतिलिपिः–महालेखाकार (लेखा परीक्षा), बिहार, पटना / कोषागार पदाधिकारी, सचिवालय कोषागार, सिंचाई भवन, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0 / –
सरकार के प्रधान सचिव।

ज्ञापांक–प्र02 / BSPTCL–02 / 2020 911 / पटना, दिनांक– 13/04/2020

प्रतिलिपिः–वित्त विभाग, बजट शाखा / प्रधान सचिव, वित्त विभाग, बिहार, पटना / प्रधान सचिव, मंत्रिमंडल सचिवालय विभाग, बिहार, पटना / सचिव, योजना एवं विकास विभाग, बिहार, पटना / बजट शाखा, ऊर्जा विभाग, पटना / उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, पटना / लेखा शाखा, ऊर्जा विभाग (तीन प्रतियों में), पटना / अध्यक्ष–सह–प्रबन्ध निदेशक, बिहार स्टेट पावर (हो0) कं0 लि0 / प्रबंध निदेशक, बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 / उप महाप्रबंधक(वित्त एवं लेखा), बिहार स्टेट पावर ट्रान्समिशन कं0 लि0 / आई0टी0 मैनेजर, ऊर्जा विभाग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

BIHAR STATE POWER TRANSMISSION CO. LTD.,PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No–0612-2504655,
M No- 7763816743, Fax No– 0612-2504655, Email ID – eprojecttwo@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

NIT No:-11/PR/BSPTCL/2021

(Through e-procurement mode only –www.eproc2.bihar.gov.in)

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost(Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Bid Processing Fee (Rs.)	Completion period
Construction of 132/33 KV 2X50 MVA GSS Barachatti (Dist.-Gaya) along with construction of 02 nos. of 132 KV line bays at GSS Chandauti (new) & 132/33 KV 2X50 MVA GSS Bhore (Dist.-Gaya).	100.68 Crore	1 Cr	11800.00	5900.00	15 Months from NOA.
Bid submission Start Date and Time			From 15:00 Hrs. of 24.03.2021		
Date of Pre-bid meeting			On 11:00 Hrs. of 07.04.2021		
Bid submission End Date and Time			Up to 15:00 Hrs. of 20.04.2021		
Date of opening of Techno-Commercial Bid (Part-I):			After 16:00 Hrs. of 22.04.2021		

नोवल कोरोना के संबंध में विस्तृत जानकारी एवं सहयोग हेतु Toll Free No. 104 पर संपर्क कर सकते हैं ।

1. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, and NEFT/RTGS".
2. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-II, BSPTCL, Vidyut Bhawan, Patna positively up to 16:00 Hrs. of 20.04.2021 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 16:00 Hrs. of 20.04.2021.
3. "Bid along with necessary online payments must be submitted through e-payment portal https://eproc2.bihar.gov.in/ before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. Eligibility Criteria, tender documents along with General/Special condition, bids and any corrigendum/ addendum of the tender are available only at website **www.eproc2.bihar.gov.in**

Chief Engineer (Project II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration log in to www.eproc2.bihar.gov.inand e-Procurement Help Desk Toll free No: 1800 572 6571 , Email Id: eproc2support@bihar.gov.in
Working Hours: 8AM to 7PM (All days in week except few selected state holidays).
While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc2.bihar.gov.in only.

"विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करें समय एवं खर्च की बचत करें।"

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No...../ **Patna dated** ...../

Copy along with soft copy of NIT (Tender Notice) in CD forwarded to GM (HR), BSPTCL, Patna for its publication in Daily Newspaper on all India basis. The information after publishing the NIT may please be sent to the undersigned.

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No.....259...../ **Patna dated**...05/03/2021...../

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

05/03/21

(Shankar Kumar)
Chief Engineer (Project-II)

BIHAR STATE POWER TRANSMISSION CO. LTD.,PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No–0612-2504655,
M No- 7763816743, Fax No- 0612-2504655, Email ID – reprojecttwo@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

NIT No:-13 /PR/BSPTCL/2021

(Through e-procurement mode only –www.eproc2.bihar.gov.in)

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost(Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Bid Processing Fee (Rs.)	Completion period
Construction of 132/33 KV 2X50 MVA GSS Daudnagar (Dist:- Aurangabad) & 132/33 KV 3X50 MVA GSS Nabinagar (Dist:- Auranagabad)	102.42 Crore	1 Cr	11800.00	5900.00	15 Months from NOA.

Bid submission Start Date and Time	From 15:00 Hrs. of 24.03.2021
Date of Pre-bid meeting	On 11:00 Hrs. of 07.04.2021
Bid submission End Date and Time	Up to 15:00 Hrs. of 20.04.2021
Date of opening of Techno-Commercial Bid (Part-I):	After 16:00 Hrs. of 22.04.2021

लॉकडाउन कोरोना के संबंध में विस्तृत जानकारी एवं सहयोग हेतु Toll Free No. 104 पर संपर्क कर सकते हैं ।

1. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, and NEFT/RTGS".
2. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-II, BSPTCL, Vidyut Bhawan, Patna positively up to 16:00 Hrs. of 20.04.2021 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 16:00 Hrs. of 20.04.2021.
3. "Bid along with necessary online payments must be submitted through e-payment portal https://eproc2.bihar.gov.in/ before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. Eligibility Criteria, tender documents along with General/Special condition, bids and any corrigendum/ addendum of the tender are available only at website **www.eproc2.bihar.gov.in**

Chief Engineer (Project II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration log in to www.eproc2.bihar.gov.in and e-Procurement Help Desk Toll free No: 1800 572 6571 , Email id: eproc2support@bihar.gov.in
Working Hours: 8AM to 7PM (All days in week except few selected state holidays).
While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc2.bihar.gov.in only.

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Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No...../ **Patna dated** ...../

Copy alongwith with soft copy of NIT (Tender Notice) in CD forwarded to GM (HR), BSPTCL, Patna for its publication in Daily Newspaper on all India basis. The information after publishing the NIT may please be sent to the undersigned.

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No.....256...../ **Patna dated**....05/03/2021...../

Copy forwarded to DBA(IT), BSPTCL, Patna for uploading the above tender notice on the websites.

05/03/21

(Shankar Kumar)
Chief Engineer (Project-II)

BIHAR STATE POWER TRANSMISSION CO. LTD.,PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No–0612-2504655,
M No- 7763816743, Fax No– 0612-2504655, Email ID – ceprojecttwo@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

NIT No:-14 /PR/BSPTCL/2021

(Through e-procurement mode only –www.eproc2.bihar.gov.in)

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost(Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Bid Processing Fee (Rs.)	Completion period
1. Construction of LILO of 132 KV Sonenagar-Chandauti Transmission Line (LL-38RKM) at GSS Daudnagar 2. Construction LILO of 132KV Sonenagar-Rihand (Ckt1) Transmission Line (LL-15RKM) at GSS Nabinagar	86.92 Cr	86.92 Lacs	11800.00	5900.00	15 Months from NOA.
Bid submission Start Date and Time			**From 15:00 Hrs. of 24.03.2021**		
Date of Pre-bid meeting			**On 11:00 Hrs. of 07.04.2021**		
Bid submission End Date and Time			**Up to 15:00 Hrs. of 20.04.2021**		
Date of opening of Techno-Commercial Bid (Part-I):			**After 16:00 Hrs. of 22.04.2021**		

कोवल कोरोना के संबंध में विस्तृत जानकारी एवं सहयोग हेतु Toll Free No. 104 पर संपर्क कर सकते हैं ।

1. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, and NEFT/RTGS".
2. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-II, BSPTCL, Vidyut Bhawan, Patna positively up to 16:00 Hrs. of 20.04.2021 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 16:00 Hrs. of 20.04.2021.
3. "Bid along with necessary online payments must be submitted through e-payment portal https://eproc2.bihar.gov.in/ before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. Eligibility Criteria, tender documents along with General/Special condition, bids and any corrigendum/ addendum of the tender are available only at website **www.eproc2.bihar.gov.in**

Chief Engineer (Project II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration log in to www.eproc2.bihar.gov.inand e-Procurement Help Desk Toll free No: 1800 572 6571 , Email Id: eproc2support@bihar.gov.in
Working Hours: 8AM to 7PM (All days in week except few selected state holidays).
While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc2.bihar.gov.in only.

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Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No...../ **Patna dated .....**/

Copy alongwith with soft copy of NIT (Tender Notice) in CD forwarded to GM (HR), BSPTCL, Patna for its publication in Daily Newspaper on all India basis. The information after publishing the NIT may please be sent to the undersigned.

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No.....257**.....**/ **Patna dated....**05/03/2021**.....**/

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

05/03/21

(Shankar Kumar)
Chief Engineer (Project-II)

BIHAR STATE POWER TRANSMISSION CO. LTD., PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No– 0612-2504655,
M No- 7763817701, Email ID – ce.trans664@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-I of BSPTCL)

Tender Notice (NIT) NO.-15/PR/BSPTCL/2019

Online tenders are invited by Chief Engineer(Project-I) for the followings:-

Description of work	Estimated Cost(Rs.)	EMD (Rs.)	Cost of B.O.Q.(Rs.)	Completion period
Construction of (2x500 MVA+ 2x160 MVA) 400/220/132 KV GIS Sub-Station at Bakhtiyarpur on Turnkey Basis under State Plan.	250.51 Cr.	1 Cr.	Tender Cost Rs. 11,800.00 to be paid through E-payment mode only to BSPTCL and Rs. 17,700.00 to be paid online for Bid Processing Fee	18 Months from NOA.

Last date of online sale of Bid Document/Request of bid/bid documents:	Up to 27.03.2019, 15:00 Hrs.
Submission of Pre-bid quarries:	Up to 06.03.2019, 16:00 Hrs.
Date of Pre-bid meeting:	On 07.03.2019, 11:00 Hrs.
Last Date of Submission of original Copy of EMD:	Up to 27.03.2019, 17.00 Hrs
Last date of online submission of tender:	Up to 28.03.2019, 16:00 Hrs.
Date of opening of Techno-Commercial Bid (Part-I):	On 29.03.2019, 16:00 Hrs. onward

1. Eligibility Criteria Tender documents, etc are available in downloadable from at websites http://www.eproc.bihar.gov.in.
2. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, NEFT/RTGS".
3. "Bid along with necessary online payments must be submitted through e-payment portal www.eproc.bihar.gov.in before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. The Cost of EMD may be paid through either Online or Offline mode. In case, Cost of EMD is opted to be paid through Offline mode, Bank Guarantee/Demand Draft for EMD in favor of "Accounts Officer, BSPTCL, Patna" must be submitted to Chief Engineer, Project-I, BSPTCL, Vidyut Bhawan, Patna positively up to 17:00 Hrs. of 27.03.2019 failing which the tender shall be summarily rejected. For online submissions of Cost of EMD, bidder shall must submit details of intimation to this Office by 17:00 Hrs. of 27.03.2019.

For Chief Engineer (Project I)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration logon to www.eproc.bihar.gov.in and eProcurement Help Desk First Floor, M/22, Bank Of India Building, Road No-25, Sri Krishna Nagar, Patna-800001 at 0612-2523006, Mob:+91-7542028164. While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc.bihar.gov.in only.

'विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करेंसमय एवं खर्च की बचत करें।"

Sd/-
For Chief Engineer (Project I)

Memo No. 122 /..... Patna dated 20.2.2019 ...../

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

Ratan Kumar 20/02/19
For Chief Engineer (Project I)

PREAMBLE

This proposal covers the **Detailed Project Report** for Strengthening of Transmission System in Bihar under Special Plan (BRGF).

The estimated cost of the project is based on Schedule of Rates (SOR) of BSPTCL 2018 -2019 price level is as follows:

(Rs. in Crs.)

	Total Cost
1. Cost of Grid-substation with associated transmission lines	Rs. 475.66
2. Contingencies	Rs. 14.26
Total	**Rs. 489.93**

Note: *As the project is envisaged to be financed through proceeds of grant from BRGF and therefore Interest During Construction (IDC) has not been considered in the project.*

This DPR is for new proposal for construction of five numbers of 132/33 kV Grid Substations and their associated transmission lines.

BSPTCL

CONTENTS

Sl. No.	Description
1	Context and Background; Justification
2	Scope of Work
3	Project Cost Estimate and Funding Arrangement

ANNEXURES

Sl. No.	Description
1	Abstract Cost Estimate – Summary
2	Abstract Cost Estimate – Grid- Substation
3	Abstract Cost Estimate – Transmission Lines
4	Strengthening of Transmission System in Bihar
5	Concurrence of CEA on proposed scheme

BSPTCL

BACKGROUND:

Bihar is one of the fastest growing states in power sector. The rate of increase in power consumption per year is highest among the states in India. As per census of 2011 the population of Bihar was 10,04,99,452 with per capita power consumption 134 KWH and increased to 280 KWH in 2017-18 with proportionate increase in infrastructure in the field of Transmission and Distribution sectors. At present many programmes are being executed by North Bihar Power Distribution Company Limited (NBPDCL) and North Bihar Power Distribution Company Limited (SBPDCL) viz; Saubhagya Yojna (HAR GHAR BIJILI YOJNA), Agriculture connection and single window power connection to Industrial consumers. This has increased power consumption to many folds and peak load demand met in September 2019 was 5891 MW. Considering the growth rate of power consumption, new proposals have been made for construction of new GSS in Aurangabad, Gaya, West Champaran and Sherghati districts under **BRGF** scheme.

EXECUTIVE SUMMARY

Various transmission projects under Bihar State Power Transmission Company Limited are being executed for System Strengthening of Bihar Transmission System under the 13th Plan based upon the system studies and load flow studies made during 2016-17.

During the recent past it has been observed that the load growth & power demand in Bihar is growing very fast. As per EPS survey, the estimated demand was 5308 MW for the year 2019-20 whereas the demand in Bihar reached to all time highest as 5891 MW on 06.09.2019. The trends of increase in the power demand can be observed from the data/graph as detailed below:

Sl. No.	Year	EPS survey (MW)	Peak Demand of Bihar (MW)
1	2017-2018	4733	4535
2	2018-2019	4904	5139
3	2019-2020	5308	5891
4	2020-2021	6016	
5	2021-2022	6576	

The State of Bihar is committed for development of the state and to provide 24*7 quality power supply. During the recent summer peak season it was observed that the construction of 132/33 kV Grid Substation at Bagha, Barahchatti, Bhore, Daudnagar and Nabinagar is essentially required in order to meet the target of continuous power supply in the above and adjoining areas.

South Bihar Power Distribution Company Limited (SBPDCL) and North Bihar Power Distribution Company Limited (NBPDCL) have analysed the load requirement and requested Bihar State Power Transmission Company Limited (BSPTCL) to construct the 132/33 kV GSS(s) at Bagha, Barahchatti, Bhore, Daudnagar and Nabinagar.

Subsequent to the received requisition from DISCOMs for construction of the above GSS(s) the schemes were prepared and forwarded to Central Electricity Authority (CEA) and Central Transmission Unit (CTU) for recommendations and concurrence so that matter could be put up in meeting of Eastern Region Standing Committee on Transmission (ERSCT) for final approval of the schemes.

Joint Meetings were held at CTU and CEA (18.09.2019 & 17.10.2019) to study the proposals for construction of proposed GSS and connecting transmission lines based on current and future load demand. The proposed GSS with connectivities were discussed and principally agreed for the following schemes:

Sl. No.	*Proposed Schemes*
1	Construction of 2X50 MVA 132/33 kV **Bagha** GSS, Dist. West Champaran
	Construction of LILO of 132 kV Ramnagar-Bagha single ckt transmission line
2	Construction of 2X50 MVA 132/33 kV **Barahchatti** GSS, Dist. Sherghati
	Construction of 132 kV Chandauti (New) – Barahchatti DCDS
3	Construction of 2X50 MVA 132/33 kV **Bhore** GSS, Dist. Gaya
	Construction of LILO of 132 kV Barhi – Rajgir/Nalanda double ckt transmission line
4	Construction of 2X50 MVA 132/33 kV **Daudnagar** GSS, Dist. Aurangabad
	Construction of LILO of 132 kV Channdauti (New) – Sonenagar single ckt transmission line
5	Construction of 2X50 MVA 132/33 kV **Nabinagar** GSS, Dist. Aurangabad
	Construction of LILO of 132 kV Sonenagar - Rihand single ckt transmission line

Complete detail of the schemes is as follows:

BAGHA

- **PRESENT SYSTEM & REQUIREMENT BY DISCOMS:**

The present load on Ramnagar GSS is 75 MW and it is being fed through single circuit 132 kV Bettiah – Ramnagar via Narkatiyaganj GSS. To avoid overloading of the said circuit and to meet the growing load demand of West Champaran, there is requirement of a 2*50 MVA 132/33 kV GSS at **Bagha** (Bagha-1), Dist. West Champaran.

- **JUSTIFICATIONS:**

To avoid overloading of the said circuit and to meet the growing load demand of West Champaran, there is requirement of a 2*50 MVA 132/33 kV GSS at Bagha (Bagha-1), Dist. West Champaran near the vicinity of Ramnagar GSS.

  - LILO of 132 kV Ramnagar – Dhanha S/C transmission line will be the primary source for GSS Bagha because power is being drawn from 132/33 kV GSS Bettiah which will be connected to 220/132/33 kV GSS Raxaul (New).
  - 132 kV Raxaul (New) - Ramnagar DCDS transmission line will be the other source to Ramnagar.
  - The entire area is flood prone and thus, two independent sources are essentially required.

- **BENEFITS:**
  - 132/33 kV Ramnagar GSS wii be off loaded by 24 MW.
  - It will improve the Power reliability & Quality power will be available.
- **PROPOSAL and CONNECTIVITIES:**
  - Grid Voltage level - 132/33 kV
  - Transformation capacity - 2*50 MVA
  - Load on Bagha GSS is 35 MW.
  - Connectivity at 132 level :-

    i) LILO of 132 kV Ramnagar – Dhanha S/C transmission line.

    ii) 132 kV Raxaul)New) - Ramnagar DCDS transmission line.
  - Conductor – ACSR Panther & Tower – DCDS.

BHORE

- **PRESENT SYSTEM & REQUIREMENT BY DISCOMS:**

New PSS (Bhore) is being sanctioned and there will be acute load growth in the areas near Manpur, which is 25 km away from Bodhgaya. Also, existing 33 kV feeders are passing in narrow & densely areas via railway lines. Hence, a new 2*50 MVA 132/33 kV GSS is required to be constructed at Manpur i.e., **Bhore**, Dist. Gaya.

- **JUSTIFICATIONS:**

To meet the growing load demand in areas near Manpur, there is requirement of a 2*50 MVA 132/33 kV GSS at Bhore, Dist. Gaya.

  - LILO of 132 kV Barhi-Rajgir/Nalanda S/C transmission line will be the 2nd source, as it is the nearest line from proposed GSS Bhore (only 0.5 km).

- **BENEFITS:**
  - 132/33 kV GSS Bodhgaya wii be off loaded by 30 MW.
  - It will improve the Power reliability & Quality power will be available.

- **PROPOSAL and CONNECTIVITIES:**
  - Grid Voltage level - 132/33 kV
  - Transformation capacity - 2*50 MVA
  - Load on Bhore GSS is 50 MW.
  - Connectivity at 132 level :
    i) LILO of 132 kV Barhi-Rajgir/Nalanda D/C transmission line.
  - Conductor – ACSR Panther & Tower – DCDS.

NABINAGAR

- **PRESENT SYSTEM & REQUIREMENT BY DISCOMS:**

Areas near Nabinagar is being fed through Barun PSS which is about 60 km away from the PSS which causes frequent tripping of power. Due to such large length, there maintenance issue and 24*7 power supply is not possible in the area. Thus, a new 2*50 MVA 132/33 kV is needed at **Nabinagar**, Dist. Aurangabad.

- **JUSTIFICATIONS:**

To follow 24*7 power supply , there is requirement of a 2*50 MVA 132/33 kV GSS at Nabinagar, Dist. Aurangabad.

  - LILO of 132 kV Sonenagar–Rihand S/C transmission line will be the 2nd source, as it the nearest line from proposed GSS Nabinagar (only 06km). It will be open from Rihand side.
  - LILO of 132 kV Sonenagar (New)– Aurangabad will be the primary source for GSS Nabinagar because power is being drawn from a strong source 220/132/33 kV GSS Sonenagar(New).

- **BENEFITS:**
  - The area is at remote end of the State. Feeder lengths of the PSSs will be reduced after connecting them to the proposed GSS.
  - It will improve the Power reliability & Quality power will be available.
- **PROPOSAL and CONNECTIVITIES:**
  - Grid Voltage level - 132/33 kV
  - Transformation capacity - 2*50 MVA
  - Load on Nabinagar GSS is 35 MW.
  - Connectivity at 132 level :-
    i) LILO of 132 kV Sonenagar–Rihand S/C transmission line.
    ii) LILO of 132 kV Sonenagar(New)– Aurangabad S/C transmission line.
  - Conductor – ACSR Panther & Tower – DCDS.

DAUDNAGAR

- **PRESENT SYSTEM & REQUIREMENT BY DISCOMS:**

There is heavy load growth in areas near Daudnagar which is currently fed from Aurangabad, Goh and Rafiganj. Also, existing 33 kV feeders are at larger distance from the existing GSS which create problem in maintenance. Voltage regulation is also poor. Hence, a new 2*50 MVA 132/33 kV GSS is required at **Daudnagar**, Dist. Aurangabad.

- **JUSTIFICATIONS:**

To meet the growing load demand in areas near Auangabd, Goh and Rafiganj, there is requirement of a 2*50 MVA 132/33 kV GSS at Daudnagar, Dist. Aurangabad.

  - LILO of 132 kV Sonenagar– Chandauti(New) S/C transmission line will be the primary source for 132/33 kV GSS Daudnagar because GSS Chandauti(New) is a proposed stronger source at 400/220/132 kV.
  - LILO of 132 kV Sonenagar(New)– Aurangabad S/C transmission line will be the 2nd source, as it is the only possible line in the near vicinity from proposed GSS Daudnagar at 48 km.
- **BENEFITS:**
  - 132/33 kV GSS Aurangabad, Goh & Rafiganj will be off loaded by 24 MW.
  - It will mprove the Power reliability & Quality power will be available.
  - Six number of PSSs are to connected to newly proposed GSS.
- **PROPOSAL and CONNECTIVITIES:**
  - Grid Voltage level - 132/33 kV
  - Transformation capacity - 2*50 MVA
  - Load on Daudnagar GSS is 40 MW.
  - Connectivity at 132 level :
    i) LILO of 132 kV Sonenagar– Chandauti(New) S/C transmission line.
  - Conductor – HTLS & Tower – DCDS.

BARAHCHATTI

- **PRESENT SYSTEM & REQUIREMENT BY DISCOMS:**

There is proposals for construction of several numbers of 33/11 kV PSS which are at larger distance from the existing GSS. Also, there are poor voltage regulation in the existing PSSs and load growth in areas near Sherghati and Barahchatti. Hence, a new 2*50 MVA 132/33 kV GSS is required to be constructed at **Barahchatti**, Dist. Sherghati.

- **JUSTIFICATIONS:**

To improve voltage regulation in the existing PSS and meet the growing load demand in areas near Sherghati, there is requirement of a 2*50 MVA 132/33 kV GSS at Murliganj, Dist. Madhepura.

  - 132 kV Chandauti (New) – Barahchatti DCDS transmission line will be the primary source, as Barahchatti will be connected to a stronger proposed source 400/220/132 kV GSS Chandauti (New).
  - LILO of Barhi – Rajgir/Nalanda D/C transmission line will be the 2nd source for 132/33 kV GSS Barahchatti.

- **BENEFITS:**
  - 132/33 kV GSS Bodhgaya and Sherghati will be off loaded by 30 MW (approx.).
  - It will improve the Power reliability & Quality power will be available.

- **PROPOSAL and CONNECTIVITIES:**
  - Grid Voltage level - 132/33 kV
  - Transformation capacity - 2*50 MVA
  - Load on Barahcahtti GSS is 50 MW.
  - Connectivity at 132 level :-

    i) 132 kV Chandauti (New) - Barahchatti DCDS transmission line.

    ii) LILO of 132 kV Barhi – Rajgir/Nalanda D/C transmission line.
  - Conductor – ACSR Panther & Tower – DCDS.

STUDY AND LOAD ANALYSIS:

The entire proposals were placed before Central Electricity Authority (CEA) and Central Transmission Utility (CTU) for Joint Load Flow Study and Technical Approval in 2nd meeting of Eastern Region Standing Committee on Transmission and Joint Study meeting.

As discussed during the 2nd meeting of Eastern Region Standing Committee on Transmission held on 05.07.2019 and Joint Study Meeting held on 18.09.2019 and 17.10.2019, CEA principally agreed on the proposal for construction of Grid Sub-station with following primary connecting transmission lines:

a. ***Bagha:*** *LILO of 132 kV Ramnagar – Dhanha S/C transmission line*
b. ***Barahchatti:*** *132 kV Chnadauti (New) - Barahchatti DCDS*
c. ***Bhore:*** *LILO of 132 kV Barhi – Rajgir (L28) D/C transmission line*
d. ***Daudnagar:*** *LILO of 132 kV Chandauti (New) – Sonenagar S/C transmission line*
e. ***Nabinagar:*** *LILO of 132 kV Sonenagar - Rihand S/C transmission line*

SCOPE OF WORK

The proposal for construction of five numbers of 132/33 kV Grid Sub-stations with associated primary source is to be considered as scope of work.

Sl. No.	Proposed Schemes for PHASE-1
1	Construction of 2X50 MVA 132/33 kV Bagha GSS, Dist. West Champaran
	Construction of LILO of 132 kV Ramnagar-Bagha single ckt transmission line
2	Construction of 2X50 MVA 132/33 kV Barahchatti, Dist. Sherghati
	Construction of 132 kV Chandauti (New) - Barahchatti double ckt transmission line
3	Construction of 2X50 MVA 132/33 kV Bhore GSS, Dist. Gaya
	Construction of LILO of 132 kV Barhi – Rajgir/Nalanda double ckt transmission line
4	Construction of 2X50 MVA 132/33 kV Daudnagar GSS, Dist. Aurangabad
	Construction of LILO of 132 kV Channdauti (New) – Sonenagar single ckt transmission line
5	Construction of 2X50 MVA 132/33 kV Nabinagar GSS, Dist. Aurangabad
	Construction of LILO of 132 kV Sonenagar - Rihand single ckt transmission line

Accordingly, estimate has been prepared.

BSPTCL

PROJECT COST ESTIMATE AND FUNDING ARRANGEMENT

The estimated cost of the project is:

(Rs. in Crs.)

	Total Cost
1. Cost of Grid-substation with associated transmission lines	Rs. 475.66
2. Contingencies	Rs. 14.26
Total	**Rs. 489.93**

Note: *As the project is envisaged to be financed through proceeds of grant from BRGF and therefore Interest during Construction (IDC) has not been considered in the project.*

- **Basis of cost estimate**

The estimated cost of the project is **Rs. 489.93** crores as on November-2019.

The unit rates of equipment for transmission lines and sub-stations have been considered as per SoR of BSPTCL.

- **Mode of Financing**

Grid Sub-stations and their associated transmission lines covered under the scheme are envisaged to be implemented by BSPTCL through the proceeds of grant to be released by BRGF to meet the project cost.

- **Contingencies**

As per practice in-vogue, a contingency provision of 3% amounting **Rs.14.26** crores has been made in the present estimate.

BSPTCL

SUMMARY OF THE ESTIMATED COST

SL no.	Description of work	Estimated Cost (In Rs.)
1.	Construction of 2x50MVA 132/33 KV GSS Bagha (Distt.- West Champaran)	62,81,39,864.66
	LILO of 132 KV Ramnagar–Dhanaha Transmission Line (RKM-40 Km)	43,47,71,503.10
	Total	**1,06,29,11,368.00**
2.	Construction of 132/33 KV 2X 50 MVA GSS Bhore	59,42,68,726.32
	LILO of 132KV Barhi-Rajgir(L-29) and Barhi- Nalanda(L-28) Transmission lines each at GSS Bhore(Each line length-1km.)	3,51,26,952.24
	Total	**62,93,95,715.00**
3.	Construction of 132/33 KV 3X50 MVA GSS Nabinagar	674728381.40
	LILO of 132 KV Sonenagar-Rihand (Ckt.-I) Transmission line at GSS Nabinagar (RL- 15 RKM)	181629674.60
	Total	**85,63,58,056.00**
4.	Construction of 132/33 KV 2X 50 MVA GSS Daudnagar	627499717.00
	LILO of 132KV Sonenagar- Chandauti (LL- 38 RKM)	714950345.70
	Total	**1,34,24,50,062.00**
5.	Construction of 2X 50 MVA, 132/33 KV Grid Sub-station, Barachatti	628139864.64
	132KV D/C GSS Chandauti(New)-GSS Barachatti Transmission Line (LL-35KM)	380015138.33
	Total	**1008155003.00**
	Grand Total	**4,89,92,70,204.00**
	Say Total	**489.93 Crs.**

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Annexure-IV

Bihar State Power Transmission Company Limited (BSPTCL)

Detailed Project Report (DPR)

Approval of the Govt. and estimates

NIT No.- 25/PR/BSPTCL/2021
NIT No.- 44/PR/BSPTCL/2021
NIT No.- 40/PR/BSPTCL/2023

Name of the Work –

25/PR/BSPTCL/2021 - "Construction of 02 no's 220 KV AIS line bays at Dehri on Sone BSPTCL with associated work."

44/PR/BSPTCL/2021 - "Construction of 2 nos. of 220KV GIS bays at GSS Dumraon (BGCL) & 01 no of 220KV GIS bay at Darbhanga (DMTCL) on turnkey basis."

40/PR /BSPTCL/2023- "Construction of 02 nos. of 400KV GIS bays at GSS Naubatpur (BGCL)."

बिहार सरकार

ऊर्जा विभाग

पत्रांक–प्र० / BSPTCL–02 / 2021– पटना, दिनांक–

सेवा में,

महालेखाकार (लेखा एवं हक),
बिहार, वीरचन्द पटेल मार्ग, पटना।

विषयः– सतलज जल विद्युत निगम के द्वारा निर्माणाधीन बक्सर थर्मल पावर प्लांट (2x660 MW) से विद्युत निकासी हेतु बिहार स्टेट पावर ट्रान्समिशन कं० लि० के द्वारा 400 के०वी० एवं 220 के०वी० के संचरण लाईन तथा संबंधित 'बे' के निर्माण के लिए 817.35 करोड़ (आठ सौ सत्रह करोड़ पैंतीस लाख) रूपये की योजना की स्वीकृति एवं उक्त राशि का 20% अर्थात 163.47 करोड़ (एक सौ तिरसठ करोड़ सैंतालीस लाख) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात 653.88 करोड़ (छः सौ तिरपन करोड़ अठासी लाख) रूपये राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति प्रदान करने के संबंध में।

आदेश–स्वीकृत।

राज्य की विद्युत माँग में उत्तरोत्तर वृद्धि की पूर्ति हेतु सतलज जल विद्युत निगम के द्वारा बक्सर थर्मल पावर प्लांट (2x660 MW) का निर्माण बक्सर जिला के चौसा में किया जा रहा है, जिसके लिए दिसम्बर, 2021 तक स्टार्टअप पावर एवं दिसम्बर, 2022 तक विद्युत उत्पादन शुरू होने के उपरांत विद्युत निकासी हेतु संचरण लाईन की आवश्यकता है। बिहार स्टेट पावर ट्रान्समिशन कं० लि० के द्वारा 400 के०वी० एवं 220 के०वी० के संचरण लाईन तथा संबंधित 400 के०वी० एवं 220 के०वी० लाईन 'बे' के निर्माण की योजना बनाई गई है। इस योजना के तहत प्रस्तावित संचरण लाईनों ('बे' सहित) पर केन्द्रीय विद्युत प्राधिकरण की तकनीकी सहमति प्राप्त है, जिसकी अनुमानित लागत 817.35 करोड़ (आठ सौ सत्रह करोड़ पैंतीस लाख) रूपये है। बक्सर थर्मल पावर प्लांट से विद्युत निकासी एवं बक्सर, रोहतास, कैमूर, औरंगाबाद, भोजपुर एवं पटना जिले के आगामी विद्युत माँग को देखते हुए इन क्षेत्रों में गुणवत्तापूर्ण आवश्यक विद्युत आपूर्ति करने के लिए उक्त संचरण लाईनों का (आवश्यक 400 के०वी० एवं 220 के०वी० लाईन 'बे' सहित) का निर्माण आवश्यक है।

2. उक्त आलोक में सतलज जल विद्युत निगम के द्वारा निर्माणाधीन बक्सर थर्मल पावर प्लांट (2x660 MW) से विद्युत निकासी हेतु बिहार स्टेट पावर ट्रान्समिशन कं० लि० के द्वारा 400 के०वी० एवं 220 के०वी० के संचरण लाईन तथा संबंधित 'बे' के निर्माण के लिए 817.35 करोड़ (आठ सौ सत्रह करोड़ पैंतीस लाख) रूपये की योजना की स्वीकृति एवं उक्त राशि का 20% अर्थात 163.47 करोड़ (एक सौ तिरसठ करोड़ सैंतालीस लाख) रूपये पूँजीगत निवेश के रूप में इक्विटी स्वरूप एवं शेष 80% अर्थात 653.88 करोड़ (छः सौ तिरपन करोड़ अठासी लाख) रूपये राज्य सरकार की गारण्टी पर विभिन्न वित्तीय संस्थानों से ऋण प्राप्त करने की स्वीकृति प्रदान की जाती है।

3. उक्त राशि माँग सं०–10, मुख्य शीर्ष 4801–बिजली परियोजनाओं पर पूँजीगत परिव्यय–उप मुख्य शीर्ष–05 संचरण तथा वितरण, लघु शीर्ष–190–सार्वजनिक क्षेत्र के तथा अन्य उपक्रमों में निवेश, उपशीर्ष–0105–बिहार स्टेट पावर ट्रान्समिशन कं० लि० की परियोजना, विपत्र कोड–10–4801051900105 एवं विपत्र कोड–10–4801057890101 विषय शीर्ष 5401–निवेश के अन्तर्गत उपबंधित राशि से विकलनीय होगा।

4. इस राशि की निकासी उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, बिहार, पटना के द्वारा CFMS के माध्यम से सचिवालय कोषागार, सिंचाई भवन, पटना से कर बिहार स्टेट पावर ट्रान्समिशन कं० लि० के व्यक्तिगत लेखा खाता (पी०एल० खाता) के मुख्य शीर्ष 8448–स्थानीय

निधियों की जमा, उप मुख्य शीर्ष–00, लघु शीर्ष–120–अन्य निधियाँ, उपशीर्ष–0044–बिहार स्टेट पावर ट्रान्समिशन क० लि०, व्यय शीर्ष–L8448001200044 एवं प्राप्तियाँ–K–8448001200044 में जमा की जाएगी।

5. बिहार स्टेट पावर ट्रान्समिशन क० लि० द्वारा राशि की निकासी कोषागार में खोले गए पी०एल० खाता संख्या–PLA272/CFMS खाता संख्या–PTSPLA014 से की जाएगी।

6. वित्त विभाग के परिपत्र संख्या 7355 दिनांक 05.10.2007 के अनुसार इसमें प्राधिकार पत्र की आवश्यकता नहीं है।

7. उक्त योजना की स्वीकृति हेतु मंत्रिपरिषद् का अनुमोदन सचिका संख्या–प्र०/BSPTCL–02/2021 के पृष्ठ संख्या–12/टि0 पर दिनांक–31.03.2021 को प्राप्त है।

8. राज्यादेश पर अतिरिक्त वित्तीय सलाहकार की सहमति सचिका संख्या–प्र०/BSPTCL–02/2021 के पृष्ठ संख्या–15/टि0 पर दिनांक–31.03.2021 को प्राप्त है।

बिहार राज्यपाल के आदेश से

ह0/–

(संजीव हंस)
सरकार के सचिव।

ज्ञापांक–प्र०/BSPTCL–02/2021– /पटना, दिनांक–

प्रतिलिपि:–महालेखाकार (लेखा परीक्षा), बिहार, पटना/कोषागार पदाधिकारी, सचिवालय कोषागार, सिंचाई भवन, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/–
सरकार के सचिव।

ज्ञापांक–प्र०/BSPTCL–02/2021– 1021 /पटना, दिनांक– 31/03/2021

प्रतिलिपि:–वित्त विभाग, बजट शाखा/प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव, मंत्रिमंडल सचिवालय विभाग, बिहार, पटना/सचिव, योजना एवं विकास विभाग, बिहार, पटना/बजट शाखा, ऊर्जा विभाग, पटना/उप सचिव–सह–निकासी एवं व्ययन पदाधिकारी, ऊर्जा विभाग, पटना/लेखा शाखा, ऊर्जा विभाग (तीन प्रतियों में), पटना/अध्यक्ष–सह–प्रबन्ध निदेशक, बिहार स्टेट पावर (हो0) क0 लि0/प्रबंध निदेशक, बिहार स्टेट पावर ट्रान्समिशन क0 लि0/आई0टी0 मैनेजर, ऊर्जा विभाग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

31/3/21
सरकार के सचिव।

BIHAR STATE POWER TRANSMISSION COMPANY LTD., PATNA.

Name Of Work:- Construction of Transmission lines and associated line bays for evacuation of power from Buxar Thermal Power Plant(2*660 = 1320MW).

- Construction of 400 kV BTPP – Naubatpur (BGCL) DCDS Twin Moose; 123 km
- Construction of 220 kV BTPP – Dumraon (BGCL) DCDS Twin Moose; 72 km
- Construction of 220 kV BTPP – Karamnasa (New) DCDS Twin Moose; 90 km
- Construction of 220 kV BTPP – Dehri DCDS Single Zebra; 120 km
- Construction of 02 nos. 400KV GIS line bays at Naubatpur
- Construction of 02 nos. 220KV GIS line bays at Dumraon (new)
- Construction of 02 nos. 220KV AIS line bays at Dehri on sone

Sl.no.	Name of work	Total cost
1	400 KV D/C Buxar(SJVNL)-Naubatpur(New) Transmission Line with twin moose Conductor (RL-123KM)	250,46,01,463.41
2	220KV D/C Twin Moose Buxar TPS-Dumraon(New) Trans. Line(RL- 72KM)	148,03,77,594.45
3	220KV D/C Twin Moose Buxar TPS- Karamnasa (New) Trans. Line(RL- 90 KM)	154,27,75,841.67
4	220KV D/C Transmission line from Buxar TPS- Dehri on sone with zebra conductor(RL- 120KM)	127,47,50,000.00
5	02 nos. 400KV GIS line bays at Naubatpur	21,82,20,418.14
5	02 nos. 220KV GIS line bays at Dumraon (new)	17,09,82,287.26
6	02 nos. 220KV AIS line bays at Dehri on Sone with associated work	14,53,67,771.98
7	**Total cost**	**733,70,75,376.91**
8	IDC (@8% of 80% of total cost)	46,95,72,824.12
9	Contingencies (@ 3% of Total cost	22,01,12,261.31
10	Consultancy (@ 2% of total cost)	14,67,41,507.54
11	**Grand Total**	**817,35,01,969.88**
	Grand total (Say)	**817.35 cr**

Note:- 1) The rate of IDC has been taken 8% based on the current MCLR rate of nationalised bank.

2) IDC has been taken only on Loan portion (80% of the total project cost) of the total project cost.

Pratik Raj	Neha Srivastava	K. Ganesh	RK Ambastha	Shankar kumar
(A.Ex.E/P-II)	(A.Ex.E/P-II)	(EEE/P-II)	(ESE/P-II)	(CE/P-II)

Estimate No.....03..... **Dated .....05/02/2021.....**

TECHNICALLY SANCTIONED

For Rs. 817.35 Cr

05/02/21

(Hare Ram Panday)
Director (Projects), BSPTCL
Director (Projects)

BIHAR STATE POWER TRANSMISSION CO. LTD.,PATNA

(Regd. Office – Vidyut Bhawan, Bailey Road, Patna)(Contact No–0612-2504655,
M No- 7763816743, Fax No– 0612-2504655, Email ID – eprojecttwo@gmail.com)
(GST No. :- 10AAFCB2393H1Z1, CIN – U40102BR2012SGC018889)
(Department of Project-II of BSPTCL)

NIT No:-25/PR/BSPTCL/2021

(Through e-procurement mode only –www.eproc2.bihar.gov.in)

Online tenders are invited by Chief Engineer (Project-II) for the followings:-

Description of work	Estimated Cost(Rs.)	Cost of B.O.Q.(Rs.)	Bid Processing Fee (Rs.)	Completion period
Construction of 02 nos of 220KV AIS Bays at Dehri –on –Sone with associated work on turnkey basis.	10.15 cr.	11800.00	5900.00	12 Months from NOA.
Bid submission Start Date and Time		**From 15:00 Hrs. of 14.07.2021**		
Date of Pre-bid meeting		**On 11:00 Hrs. of 23.07.2021**		
Bid submission End Date and Time		**Up to 15:00 Hrs. of 10.08.2021**		
Date of opening of Techno-Commercial Bid (Part-I):		**After 16:00 Hrs. of 12.08.2021**		

नोवल कोरोना के संबंध में विस्तृत जानकारी एवं सहयोग हेतु Toll Free No. 104 पर संपर्क कर सकते हैं ।

1. "Bid Processing Fee is mandatory to be paid through online mode i.e. Internet Payment Gateway (Credit/Debit Card), Net Banking, and NEFT/RTGS".
2. Bidders are requested to submit Bid Security Declaration Form (in hard copy) to Chief Engineer, Project-II, BSPTCL, Vidyut Bhawan, Patna positively up to 16:00 Hrs. of 10.08.2021 failing which the tender shall be summarily rejected.
3. "Bid along with necessary online payments must be submitted through e-payment portal https://eproc2.bihar.gov.in/ before the date & time specified in the NIT. The department doesn't take responsibility for the delay/ Non submission of Tender/ Non Reconciliation of online Payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason".
4. Eligibility Criteria, tender documents along with General/Special condition, bids and any corrigendum/ addendum of the tender are available only at website **www.eproc2.bihar.gov.in**

Chief Engineer (Project II)

E-tendering introduced in BSPTCL for tenders above Rs. 25 lacs. For registration log in to www.eproc2.bihar.gov.inand e-Procurement Help Desk Toll free No: 1800 572 6571 , Email Id: eproc2support@bihar.gov.in
Working Hours: 8AM to 7PM (All days in week except few selected state holidays).
While participating in e-tendering process, the contractor shall have to get them registered to get user ID, Passwords and digital signature. This will enable them to access the Website: www.eproc2.bihar.gov.in only.

"विवादों के निष्पादन के लिए लोक अदालत का लाभ उठायें परस्पर सहमति से न्यायिक निर्णय प्राप्त करें समय एवं खर्च की बचत करें।"

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No...../ **Patna dated .....**/

Copy along with soft copy of NIT (Tender Notice) to GM (HR), BSPTCL, Patna for its publication in Daily Newspaper on all India basis. The information after publishing the NIT may please be sent to the undersigned.

Sd/-
(Shankar Kumar)
Chief Engineer (Project-II)

Memo No.....552**.....**/ **Patna dated...**01/07/2021**.....**/

Copy forwarded to DBA (IT), BSPTCL, Patna for uploading the above tender notice on the websites.

01/07/21

(Shankar Kumar)
Chief Engineer (Project-II)