

PROJECT GROUP II
POWER SECTOR - PROJECT ENGINEERING MANAGEMENT
BHARAT HEAVY ELECTRICALS LIMITED

SPECIAL CONDITIONS OF CONTRACT (SCC) Rev.00
1x800 MW NTPC SIPAT SUPER THERMAL POWER PROJECT, STAGE-III
(JOB NO. 520)

These Conditions shall be read and construed along with latest applicable (i.e. BOI or BOP) General Conditions of Contract (GCC) enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC.

Sl. No.	Title	Description
1.	Project Name	1x800 MW NTPC SIPAT STP PROJECT, STAGE-III (EPC)
2.	Ordering Basis / Type of Bidding	ICB / Competitive
3.	Customer Order Ref No.	CS-8003-001-2-FC-NOA-7491 dated 20.09.2024 for Supply under 1 st Contract CS-8003-001-2-SC-NOA-7492 dated 20.09.2024 for Service under 2 nd Contract CS-8003-001-2-TC-NOA-7493 dated 20.09.2024 for Service under 3 rd Contract
4.	BHEL's Customer	NTPC
5.	NTPC SIPAT GST No.	22AAACN0255D4Z5
6.	Customer Consultants	--
7.	Buyer and Paying Authority	a. For packages where BHEL PEM will issue the Purchase Order - BHEL PEM will be the paying authority. b. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL PSER - BHEL PSER Site will be the paying Authority.
8.	Consignee Address (Bill To)	FOR SUPPLY PACKAGES: BHEL, Power Sector-Project Engineering Management, Power Project Engineering Institute, Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301. BHEL-PEM GSTIN: 09AAACB4146P2ZC FOR TURNKEY PACKAGES (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSER): CONSTRUCTION MANAGER, BHEL SITE OFFICE, SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1x800 MW) P.O. UJJWAL NAGAR, DISTRICT - BILASPUR, CHHATISGARH - 495555

DEEPAK KUMAR

Digitally signed by DEEPAK KUMAR
DN: cn=BH, postalCode=110001, o=DELHI,
street=CENTRAL DELHI, cn=CENTRAL DELHI,
ou=BHARAT HEAVY ELECTRICALS LTD, ou=BHEL,
ps-PEM,
serialNumber=c20923441132624c36f799a10
091476027753c15c0526b3f8f8d324420ff,
pseudonym=6802e026b1ae4b699f3176e75dc29
ba7,
2.5.4.20=39342nd7112c086a3b4f4ec70d43b
2673a4c3795377996d18d6c313a0d
email=DEEPAK@BHEL.IN, cn=DEEPAK KUMAR
Date: 2024.11.21 17:25:16 +05'30'

9.	<u>Delivery Address</u> (Ship To)/BHEL Site office address	CONSTRUCTION MANAGER, BHEL SITE OFFICE, SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1x800 MW) P.O. UJJWAL NAGAR, DISTRICT - BILASPUR, CHHATISGARH - 495555
10.	Location of Plant	The site is located in Bilaspur district of Chhattisgarh, having latitude and longitude of 22° - 05' to 22° - 09' (N) and 82° - 16' to 82° - 18' (E) respectively. The site is approximately 20 Km from Bilaspur city and is approachable via Bilaspur -Baloda State Highway which passes through Sipat.. The nearest rail head is Jairamnagar Railway Station (on Nagpur-Raipur-Kolkata mainline), is approximately 3 km from the project site. The nearest commercial airport, Raipur is about 150 Km from project site.
11.	Mode of Dispatch	By Rail/Road/Sea on door delivery and freight pre-paid basis.
12.	BHEL GSTIN Details	For supply packages: BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC For Turnkey packages: BHEL-PSER - GSTIN - 22AAACB4146P1ZP
13.	Construction Facilities to Vendor	Construction Power : Construction power shall be made available for Erection Work free of cost at a single point to supplier. Construction water : Construction water shall be made available for Erection Work free of cost at a single point to supplier.
14.	Transit Insurance	As per Notice Inviting Tender (NIT). In case, Transit Insurance is specified in BHEL Scope in NIT - Insurance details shall be provided by BHEL-PEM. For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office: <ul style="list-style-type: none"> • Policy No. • Consignee Name. • Consignment Details (items with their weights and value (in INR). • Project Name and P.O. No. • LR No. and date, Dispatch origin and destination details, Invoice No. • Vendors to intimate the underwriters quoting the insurance Policy details.
15.	Dispatch intimation	Yes, in writing, not less than 30 (Thirty) days prior to date of shipment and dispatch details to be sent to: <ul style="list-style-type: none"> • BHEL Site office (address as mentioned at Sl. No. 9) • BHEL PEM Noida (address as mentioned in NIT

		<p>for PO issued by PEM)</p> <ul style="list-style-type: none"> BHEL PSER Kolkata (For PO Issued by BHEL PSER)
16.	Demurrage charges	Demurrage charges shall be paid by supplier/vendor only. No claim shall be acceptable to BHEL in this regard.
17.	Unloading, Storage & Movement of material at site	<ul style="list-style-type: none"> By BHEL site office for supply packages (where only supply is in vendor's scope). By vendors for Turnkey (where Supply and E&C is in vendor scope) <p>Note: The Supplier shall furnish LR wise Gross Wt. of the consignment for the purpose of handling the consignment by BHEL Site Contractor. Please note that unloading of materials at Site shall sometimes may take 3-5 days. As such, transporters to be advised suitably before dispatch of materials in this regard. Also, no claim on a/c of delay in unloading before this period shall be entertained. Prior intimation as mentioned in sl. no. 15 above is solicited.</p>
18.	Taxes & Duties (For Domestic Vendor)	As per Notice Inviting Tender (NIT).
19.	Taxes & Duties (For Order Directly to Foreign Bidders)	In case of foreign vendors, quoted prices & Dispatches shall be on C & F Port -Chennai Basis and Taxes & Duties in the country of dispatch shall be borne by Foreign vendor.
20.	<u>Inspection Agency</u>	<p>Inspection of packages shall be carried out by agency as per below Inspection category of packages:</p> <p>Cat-I : Inspection shall be done jointly or separately by NTPC and BHEL or BHEL's TPIA.</p> <p>Cat-II: Inspection shall be done by BHEL only.</p> <p>Cat-III : Certificate of Compliance shall be furnished by Vendor.</p> <p>Note: Please note, for Cat I & II items BHEL reserve the right to carry inspection by themselves or through nominated third party inspection agency (TPIA). Third party inspection agency, if any, shall be informed after award of contract.</p>
21.	Inspection procedure	<p><u>For Domestic supplies:</u></p> <p>As per Notice Inviting Tender (NIT).</p> <p><u>For Foreign supplies</u></p> <p>In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by BHEL PEM and then, sent to NTPC for clearance.</p> <p>The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates and photographs as per above.</p>

22.	Material Dispatch Clearance Certificate (MDCC) Issuing Agency	<p>For Cat-I item :- For these items the final acceptance will be on physical inspection witness by NTPC. MDCC shall be issued by NTPC and it's the responsibility of vendor to arrange MDCC from them and furnish original MDCC to BHEL .</p> <p>For Cat- II items :- For these items, The final acceptance by NTPC shall be on the basis of review of documents as per approved QP . The vendor shall furnish all requisite documents like Material Test Certificates, Inspection Reports etc. required for obtaining of NTPC MDCC by BHEL.</p> <p>For Cat-III items :- Quality control to be exercised as per Main contractor Quality Assurance System. The vendor shall furnish all requisite documents like Material Test Certificates, Inspection Reports etc. required for obtaining of NTPC MDCC by BHEL.</p>
23.	Mandatory Spares	<p>If applicable, supplies of mandatory spares will be separate from main supply and separate manufacturing clearance shall be given for mandatory spares.</p> <p>Delivery of mandatory spares shall be as per NIT. In case if delivery of mandatory spares is not specified in NIT, same shall be within four (04) months from BHEL Manufacturing Clearance.</p> <p>MRC payment for mandatory spares shall be released after handover of respective mandatory spares to customer -</p>
24.	HSE Guidelines	<p>For Turnkey packages, vendor shall deploy Safety Officer etc. as per HSE Plan policy and same is as per Annexure 1 to this SCC & is applicable for this project.</p>
25.	Packing Identification & Marking [If not specified in NIT]	<p>Each box shall be marked with Capital Letters in "Red" indicating the PEM SUPPLY (Main Supply/Commissioning Spares/Mandatory Spares) for 1x800 MW NTPC SIPAT STP PROJECT, STAGE-III.</p> <p>NOTE: Main supply item and items for commissioning spares must be packed separately. Each package delivered under the Contract shall be marked by supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated).</p> <p>Such marking shall show the description and quantity of contents, the name and address of consignee, the Gross weight and Net weight of the package, the name of the Supplier, PEM P.O. reference number, with a distinctive number of mark sufficient for purposes of identification.</p> <p>Besides above necessary, packing shall bear a special marking 'TOP', 'BOTTOM', 'DO NOT TURN OVER', "KEEP DRY", "HANDLE WITH CARE", etc</p>

		<p>IMPORTANT: -</p> <ul style="list-style-type: none"> • Two copies of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package / container for immediate reference by BHEL site and same shall be reflected in packing slip also. • The Packing list details for the consignment must be put inside the Box/Boxes. <p>Items like pumps, Valves, Hoists, Cranes etc shall essentially have O&M Manuals and E&C guidelines duly enclosed in the packing box. Certificate to such effect shall also be reflected in packing slip.</p> <p>Mandatory spares shall be properly packed separately in separate box painted in Red, indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the CUSTOMER approved BBU for Mandatory spares & Number per item (to match the description given in the packing slip) to facilitate their-proper identification by end customer/ BHEL Site. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc.</p>
26.	Submission of Final Drgs/ Docs along with O&M Manual, Type Test Certificates (if any)	<p><u>No. of O&M Manuals</u></p> <p>As per applicable GCC / Tender documents/Kick-off meeting.</p> <p>If not specified anywhere, Vendor to submit final approved O&M Manual in 12 Hard copies and 4 No of CD ROMs/DVDs/Pen drive.</p>


 Digitally signed by DEEPAK KUMAR
 DN: cn=P, postalCode=110001, o=DELHI, street=CENTRAL DELHI, INCENTRAL DELHI, ou=DELHI, postalCode=110001, email=DEEPAK@BHEL.PL, cn=DEEPAK KUMAR
 Date: 2024.11.21 17:26:16 +05'30'

PROJECT GROUP I
POWER SECTOR – PROJECT ENGINEERING MANAGEMENT
BHARAT HEAVY ELECTRICALS LIMITED

SPECIAL CONDITIONS OF CONTRACT (SCC) Rev.00
2X800MW SINGRAULI STPP, Stage-III-EPC

These Conditions shall be read and construed along with latest applicable (i.e. BOI or BOP) General Conditions of Contract (GCC/ATC) enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC.

Sl. No.	Title	Description
1.	Project Name	2X800MW SINGRAULI STPP, Stage-III – EPC
2.	Nature of project & Type of Bidding	Competitive Bidding
3.	BHEL's Customer	NTPC
4.	Customer Consultants	NA
5.	Buyer and Paying Authority	For packages where BHEL PEM will issue the Purchase Order - BHEL PEM will be the paying authority. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL PSNR - BHEL PSNR Site will be the paying Authority.
6.	Consignee Address (Bill To)	FOR SUPPLY PACKAGES: BHEL, Power Sector-Project Engineering Management, BHEL SADAN, 3 rd FLOOR, Sector-16A, Noida, Uttar Pradesh-201301. BHEL-PEM GSTIN: 09AAACB4146P2ZC FOR TURNKEY PACKAGES (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSNR): Construction Manager, BHEL site office, 2X800MW SINGRAULI STPP, Stage-III 1004 Singrauli Super Thermal Power Station P.O. SHAKTINAGAR , SONEBHADRA UTTAR PRADESH -231222 BHEL-PSNR - GSTIN No.- 09AAACB4146P2ZC
7.	Delivery Address (Ship To)/BHEL Site office address	Construction Manager, BHEL site office, 2X800MW SINGRAULI STPP, Stage-III 1004 Singrauli Super Thermal Power Station P.O. SHAKTINAGAR , SONEBHADRA UTTAR PRADESH -231222 BHEL-PSNR - GSTIN No.- 09AAACB4146P2ZC
8.	Location of Plant	The project is located in Sonebhadra District of Uttar Pradesh. The Project is located at 118 Km towards South of District Head Quarters Robertsganj and is well connected by State Highway SH-5A. Nearest National Highway NH-39 is at a distance of about 5 Km from the Project. Nearest Major Town – Robertsganj (118 kms) Nearest Airport– Varanasi (220 kms) Nearest Railway Station– Shaktinagar (3 kms)
9.	Mode of Dispatch	By Rail/Road/Sea on door delivery and freight pre-paid basis

10.	BHEL GSTIN Details	<p>For supply packages: BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC</p> <p>For Turnkey packages: BHEL-PSNR – GSTIN - 09AAACB4146P2ZC</p>
11.	QR Code Affixing Requirement for SPMS (Mandatory Requirement)	<p>Vendor to mandatorily required to furnish detailed shipping/packing list to BHEL in format as per Annexure 1 of this SCC. BHEL shall provide QR codes for each boxes/bundle/shipping sections etc.</p> <p>Vendor is mandatorily required to print the generated QR in half of A4 size printer using a normal printer. One copy of this QR code must be attached to the respective box/bundle/gunny bag/shipping section etc. The other copy of the QR code must be enclosed with the documents sent along with the consignment. After reaching at site, QR code shall be scanned at gate and material shall be received by site.</p> <p>Further, vendor to ensure that</p> <ol style="list-style-type: none"> All the items being dispatched in the consignment/LR are listed in the packing list. Proper precautions are taken while affixing to ensure that the “Fixed QR Code” should not damage during transit. QR code is correctly fixed to all the box/bundles/loose items being dispatched in consignment. Any delay arising thereof due to incorrect tagging/missing tags shall be to vendor’s account. <p>BHEL shall provide QR code within 2-3 days of submission of shipping/packing details (as per Annexure-1) by vendor. Vendor to plan dispatches accordingly without affecting the delivery schedule.</p>
12	Transit Insurance	<p>As per Notice Inviting Tender (NIT).</p> <p>In case, Transit Insurance is specified in BHEL Scope in NIT - Insurance details shall be provided by BHEL-PEM.</p> <p>For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office:</p> <ul style="list-style-type: none"> Policy No. Consignee Name. Consignment Details (items with their weights and value (in INR). Project Name and P.O. No. LR No. and date, Dispatch origin and destination details, Invoice No. Vendors to intimate the underwriters quoting the insurance Policy details.
13.	Dispatch intimation	<p>Yes, in writing, not less than 15 (Fifteen) days prior to date of shipment and dispatch details to be sent to:</p> <ul style="list-style-type: none"> BHEL Site office (address as mentioned at Sl. No. 7) BHEL PEM Noida (address as mentioned in NIT for PO issued by PEM) BHEL PSNR (For PO Issued by BHEL PSNR)
14.	Demurrage charges	Demurrage charges shall be paid by supplier/vendor only. No claim shall be acceptable to BHEL in this regard.
15.	Unloading, Storage & Movement of material at site	<ul style="list-style-type: none"> By BHEL site office for supply packages (where only supply is in vendor’s scope). By vendors for Turnkey (where Supply and E&C is in vendor scope) <p>Note: The Supplier shall furnish LR wise Gross Wt. of the consignment for the purpose of handling the consignment by BHEL Site Contractor. No claim on a/c of delay in unloading before this period shall be entertained. Prior intimation as mentioned in sl. no. 15 above is solicited.</p>

16.	Taxes & Duties (For Domestic Vendor)	As per Notice Inviting Tender (NIT/ATC).
17.	Taxes & Duties (For Order Directly to Foreign Bidders)	In case of foreign vendors, quoted prices & Dispatches shall be on C & F Port-Mumbai Basis and Taxes & Duties in the country of dispatch shall be borne by Foreign vendor.
18.	Inspection Agency	<p>Inspection of packages shall be carried out by agency as per below Inspection category of packages:</p> <p>Cat-I: Inspection shall be done jointly or separately by NTPC and BHEL or BHEL's TPIA.</p> <p>Cat-II: Inspection shall be done by BHEL only.</p> <p>Cat-III: Certificate of Compliance shall be furnished by Vendor.</p> <p>Note: Please note, for Cat I & II items BHEL reserve the right to carry inspection by themselves or through nominated third party inspection agency (TPIA). Third party inspection agency, if any, shall be informed after award of contract.</p>
19.	Inspection procedure	<p><u>For Domestic supplies:</u></p> <p>As per Notice Inviting Tender (NIT).</p> <p><u>For Foreign supplies</u></p> <p>In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by BHEL PEM and then, sent to NTPC for clearance.</p> <p>The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates and photographs as per above.</p>
20.	Material Dispatch Clearance Certificate (MDCC) Issuing Agency	<p>MDCC shall be issued by BHEL only after receipt from NTPC.</p> <p>It is the responsibility of vendor to furnish all requisite documents like Material Test Certificates, Inspection Reports etc. required for obtaining of NTPC MDCC by BHEL</p>
21.	Mandatory Spares	Delivery of mandatory spares shall be as per NIT.
22.	Construction Facilities to Vendor	<p>Construction Power:</p> <p>Construction Power is available on chargeable basis which can be provided at single point source. Further distribution is to be done by concerned vendor.</p> <p>Construction water:</p> <p>Available on chargeable basis at one point. Further distribution is to be done by concerned vendor.</p>
23.	Storage Infrastructure by Vendor	<p>For Turnkey packages:</p> <p>Open Space/leveled area for storage of material and open space for office construction will be provided free of charge within 5 km of plant premises at location as per availability.</p>

23.A		<p>(a) Vendor shall compulsory make covered storage shed of minimum size of 15 feet x 35 feet for storage of valuable Electrical/ Electronic items/ Instruments etc.</p> <p>(b) Vendor shall compulsory make office of size 10 feet x 15 feet for site Engineer/ Staff along with facility of Computer/ Laptop/ Printer for protocol preparation and submission to BHEL.</p> <p>(c) Alternately, vendor can provide container of suitable size for above purpose, i.e. (a) and (b).</p>
23.B	Storage space by BHEL for Mandatory spare	For BOP Turnkey package – close storage shed shall be provided for storage of Mandatory Spare till handover to customer.
24.	Safety Officer and Quality Engineer by Vendor	<p>For Turnkey packages, vendor shall deploy one number Safety Officer and one number Quality Engineer during total E&C period.</p> <p>In case of failure of above, BHEL shall deploy it and appropriate charges shall be deducted from vendor due payments.</p> <p>The charges for Non-deployment of Safety officer and Quality Engineer is Rs. 50,000.00 per man-month for each staff. This charge amount is exclusive of GST</p> <p>Medical/First aid center/medicine purchased for emergency/Doctor purpose along with ambulance services with fuel and operator (round the clock) shall be arranged by BHEL for handling medical emergencies. Cost against these facilities shall be distributed / shared among the vendors working in Singrauli Project site proportionately based on contract value.</p>
25.	Packing Identification & Marking [If not specified in NIT]	<p>Each box shall be marked with Capital Letters in "Red" indicating the PEM SUPPLY (Main Supply/Commissioning Spares/Mandatory Spares) for 2X800MW SINGRAULI STPP, Stage-III.</p> <p>NOTE: Main supply item and items for commissioning spares must be packed separately. Each package delivered under the Contract shall be marked by supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated).</p> <p>Such marking shall show the description and quantity of contents, the name and address of consignee, the Gross weight and Net weight of the package, the name of the Supplier, PEM P.O. reference number, with a distinctive number of mark sufficient for purposes of identification.</p> <p>Besides above necessary, packing shall bear a special marking 'TOP', 'BOTTOM', 'DO NOT TURN OVER', "KEEP DRY", "HANDLE WITH CARE", etc.</p> <p>IMPORTANT: -</p> <ul style="list-style-type: none"> • Two copies of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package / container for immediate reference by BHEL site and same shall be reflected in packing slip also. • The Packing list details for the consignment must be put inside the Box/Boxes. <p>Items like pumps, Valves, Hoists, Cranes etc. shall essentially have O&M Manuals and E&C guidelines duly enclosed in the packing box. Certificate to such effect shall also be reflected in packing slip.</p> <p>Mandatory spares shall be properly packed separately in separate box painted in Red, indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the CUSTOMER approved BBU for Mandatory spares & Number per item (to match the description given in the packing slip) to facilitate their- proper identification</p>

		by end customer/ BHEL Site. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc.
26.	Submission of Final Drgs/ Docs along with O&M Manual, Type Test Certificates (if any)	<p><u>No. of O&M Manuals</u></p> <p>As per applicable GCC / Tender documents/Kick-off meeting.</p> <p>If not specified anywhere, Vendor to submit final approved O&M Manual in 12 Hard copies and 4 No of CD ROMs/DVDs/Pen drive.</p>

Enclosures

Annexure 1 – Format of packing list/shipping list for QR code generation as per SCC Clause no. 11.

Sharad Chandra

Digitally signed by Sharad Chandra
DN: cn=Sharad Chandra, o=BHEL, ou=PEM,
email=sharadchandra@bhel.in, c=IN
Date: 2024.05.09 14:07:44 +05'30'

ANNEXURE-1

SNO	Customer	Contract No	Type	PGMA	PGMA Des	DU	DU Des	Dispatch Qty.	Unit	BBU No.	BBU Sno	Box No.	Packing List No.	Material Required For (Set1/ Set-2)	NS	Remarks
	NTPC	CS-1150-001R-2-FC-COA-7407, Dtd. 05.03.2024	<BOI * > <*BHEL shall indicate whether item is BOI or BHEL Inhouse manufacture >	<Vendor to fill BHEL Item Code>	<Vendor to fill Package Code>	BHEL PSPEM NOIDA	<Vendor to fill up Item wise description>	<Vendor to fill up dispatch quantity>	<Vendor to fill up UOM>	to fill up BBU No. provided by BHEL>	<Vendor to fill up BBU No. provided by BHEL>	<Vendor to fill up box no.>	<Vendor to fill up Packing list number>	Vendor to indicate Material is for Unit-1 or Unit-2	<Nature of Supply :Vendor to indicate whether Item is Main supply or mandatory spares>	Remarks if any