



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

(भारत सरकार का उपक्रम / A Government of India Undertaking)

CIN: L74899DL1964GOI004281

पावर सेक्टर पूर्वी क्षेत्र / Power Sector Eastern Region

भेल भवन, प्लॉट सं. - डी जे - 9/1, साल्ट लेक सेक्टर- II, कोलकाता - 700091, फोन 03323398000

BHEL Bhawan, Plot No. DJ- 9/1, Salt Lake Sector- II, Kolkata – 700091 Phone: 033-23398000

1 X 660 MW एसजीटीपीपी, डब्ल्यूबीपीडीसीएल, स्टेज III, यूनिट: 5, मोनीग्राम, मुर्शिदाबाद, प. बं. 742237

1 X 660 MW SGTTP, WBPDC, Stage III, Unit: 5, Monigram, Murshidabad, WB 742237

Ref. No. BHEL: PSER: SGD: BOP:AC: MS

Dtd. 22.08.2026

To,

Sub.: Notice Inviting Tender (NIT) for procurement of Mandatory Spare of Air Conditioning System at 1x660MW Sagardighi site.

Dear Sir,

Your best price offer is invited in duly signed with seal copy in the format provided by BHEL through Email to skmandi@bhel.in, & kcdas@bhel.in from reputed & experienced bidders for the subject job by the undersigned on behalf of BHARAT HEAVY ELECTRICALS LIMITED, Sagardighi site as per tender document. The offers are to be sent latest by 14th day of floating of tender up to 15:00 hrs to above stated email-id and the same will be evaluated on 14th day of floating of tender at 18:00 hrs. Bidders to note specifically that all pages of tender document including these NIT pages of this particular tender, shall be submitted by them, duly signed & stamped on each page, as part of the offer. Rates/Price including discounts/rebates, if any, mentioned anywhere/in any form in the offer other than the Price Bid (BOQ), shall not be entertained. The bidders are requested to depute their representative during opening/evaluation of the tender documents received by mail.

Thanking you,

Yours sincerely,
For & on behalf of BHEL



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1 X 660 MW SGTPP, WBPDC, Stage III, Unit: 5, Monigram, Murshidabad, WB 742237

Ref. No. BHEL: PSER: SGD: BOP:AC: MS

Dtd. 22.08.2026

GENERAL INSTRUCTIONS TO TENDERERS

Bidders must take the print of all pages of NIT, Price Schedule Enclosed in mail, put the signature and seal on every page of NIT and fill the price schedule in prescribed format of Price schedule and must be signed by your authorised person with company seal and send these documents to given email id as per schedule given below:

SALIENT DETAILS OF NIT		
SL	ISSUE	DESCRIPTION
1.0	TENDER SPECIFICATION NO.	BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026
2.0	DUE DATE OF SUBMISSION	14 th day of floating of tender UP TO 1500 hrs (i.e. 05.09.2026)
3.0	DUE DATE OF TENDER OPENING/Evaluation	14 th day of floating of tender at 1800 hrs (i.e. 05.09.2026).
3.0	VENUE OF TENDER OPENING	Bharat Heavy Electricals Limited, 1x660 MW Sagardighi Thermal Power Project, Unit-5, WBPDC, P.O.- Manigram, Dist.: Murshidabad, West Bengal-742237
4.0	Concerned mail Id for sending the bid	skmandi@bhel.in kcdas@bhel.in (Mail should be marked to all mail ids)

Scope of Supply:

Supply of Mandatory Spares as per specification. List of Mandatory Spares is enclosed at Annexure-1.

पंजीकृत कार्यालय : बीएचईएल हाउस, सिरी फोर्ट, नई दिल्ली - 110049 | फोन: 011-66337598 | ईमेल : contactus@bhel.in

Registered Office: BHEL HOUSE, Siri Fort, New Delhi - 110049 | Phone: 011-66337598 | E-mail: contactus@bhel.in

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BHEL Bhawan, Plot No. DJ- 9/1, Salt Lake Sector- II, Kolkata – 700091 Phone: 033-23398000

1 X 660 MW एसजीटीपीपी, डब्ल्यूबीपीडीसीएल, स्टेज III, यूनिट: 5, मोनीग्राम, मुर्शिदाबाद, प. बं. 742237

1 X 660 MW SGTPP, WBPDC, Stage III, Unit: 5, Monigram, Murshidabad, WB 742237

Ref. No. BHEL: PSER: SGD: BOP:AC: MS

Dtd. 22.08.2026

Delivery Schedule:

- The entire supply under the above scope of supply shall be completed within 2 Months from date of issue of purchase order/as per site requirement.

Validity of Offer:

The rates in the tender shall be kept valid for acceptance for a period of 30 days from the date of submission of offer.

Payment Terms: -

- 100% Payments will be made within 30 days on receipt of materials at BHEL Store on pro rata basis and submission of original GST Invoice along with delivery challan.
- No advance payment will be done.
- GST Will be release on submission of required/supporting document to BHEL.
- For MSME Vendor, invoice shall be settled only through the approved TReDS platforms.

Price Variation Compensation/Over Run Charges: Not applicable

Liquidated damages (LD): LD shall be applicable @ ½ percent and applicable GST thereon, of the total mandatory spares portion contract value excluding GST per week or part thereof, limiting to 10% of total contract value of mandatory spares excluding GST.

Packaging and forwarding/Transportation/Risk-Insurance:

- Packing & forwarding and transportation will be in your scope and will be done properly. Transit insurance (if any) will be in BHEL scope. However, preliminary intimation to be given to insurance agency prior to dispatch of the materials.

Guarantee/Warranty of material:

- 12 months from the date of complete receipt/handing over of Spares at Site as per tender specifications.

General Conditions of Supply:

पंजीकृत कार्यालय : बीएचईएल हाउस, सिरी फोर्ट, नई दिल्ली - 110049 | फोन: 011-66337598 | ईमेल : contactus@bhel.in

Registered Office: BHEL HOUSE, Siri Fort, New Delhi - 110049 | Phone: 011-66337598 | E-mail: contactus@bhel.in

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1 X 660 MW SGTPP, WBPDC, Stage III, Unit: 5, Monigram, Murshidabad, WB 742237

Ref. No. BHEL: PSER: SGD: BOP:AC: MS

Dtd. 22.08.2026

- Supply of total materials as mentioned above to be done within 2 months gradually from date of issue of purchase order/as per site requirement.
- Bidder to supply the materials as per Tag. Tag Sample is enclosed. Further, details of Tag regarding items shall be shared during awarding of PO.
- MDCC shall be issued by BHEL/Owner or their authorized representative prior to dispatch based on inspection reports and compliance as per approved documents.
- The customer/consultant and "BHEL" may depute their representative for checking and supervision of important stages of works. The bidder shall be required to provide all facilities for inspection of works at no extra cost to BHEL. Any defect in quality of work or deviations from drawings/specifications pointed out during such inspection shall be made good by the bidder as it pointed out by the BHEL Engineer, without any cost implication to BHEL.
- Unloading of materials is in BHEL's scope.
- Items to be supplied strictly adhering to the given specification and make.
- Test certificates of material to be submitted (if required for any material as applicable).
- Material shall be inspected at site according to the specification given, if found any discrepancy in any material during inspection, same will be rejected and have to replace without any additional cost.
- BHEL reserve the right for cancellation/modification of Tender or Contract.

NO DEVIATION CERTIFICATE

To

Construction Manager/Project-Director
BHEL, Sagardighi site
1X660 MW, Sagardighi TPP,
Sagardighi, Murshidabad

Sub: No Deviation Certificate.

Job: Procurement of Mandatory Spare of Air Conditioning System at 1x660MW Sagardighi site.

Ref: BHEL PSER Sagardighi Site NIT Ref. No. - BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

Dear Sir,

With reference to above, this is to confirm that as per tender conditions, we have noted the job content. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred tender notice. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, and other terms and conditions, integrity pact (if applicable) as detailed in NIT.

We confirm to have submitted/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

1 X 660 MW Sagardighi U#5

PO REF:

PO SI. No.:

BBU No.:

Item No.:

Material Description As per BBU -

Quantity:

TAG TO BE LAMINATED AND TO BE BOUND WITH MATERIAL WITH SUITABLE WIRE/TIE ETC

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
6.07.00		Air Conditioning System						
6.07.02		Centrifugal pumps of all categories						
(i)		Impeller	1Set for each categories					
a.	0010	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPt 80-420 HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0020	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
(ii)		Wearing Rings	1Set for each categories					
a.	0030	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPt 80-420 HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0040	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
(iii)		Complete Set of Bearing	1Set for each categories					
a.	0050	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPt 80-420 HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0060	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
(iv)		Complete Set of Seal and other wear out parts	1Set for each categories					
a.	0070	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPt 80-420 HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0080	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)		Set	1	M/s WILO	PE-V0-445-553-A020_Rev 00	
(v)		Strainer Basket	1Set for each categories					
a.	0090	Strainer for Condenser Water Pump, Size: 200 mm, Model no: CI-16B)		Set	1	M/s SANT	PE-V0-445-553-A050-Rev 02	
b.	0100	Strainer for Chilled Water Pump, Size: 150mm, Model no: CI-16B)		Set	1	M/s SANT	PE-V0-445-553-A050-Rev 02	
6.07.03		Centrifugal Blowers of All AHU						
(i)		Rotating Assembly	1Set for each categories					
a.	0110	AHU at 24.0M PH CCR (Capacity: 30250 CFM / 90 mmSP (H), AHU TAG NO: AHU-1, AHU-2, AHU-3)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
b.	0120	AHU at 8.5M PH UPS (Capacity: 9000 CFM / 75 mmSP (H), AHU TAG NO: AHU-4, AHU-5, AHU-6)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
c.	0130	Ceiling Suspended AHU at 0.0M PH SWAS Room (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-1, CS AHU-2)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
d.	0140	Ceiling Suspended AHU at 0.0M PH AC Plant CR (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-3, CS AHU-4)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
e.	0150	Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM (Capacity: 3600 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-5, CS AHU-6)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
(ii)		Complete Set of Bearing	1Set for each categories					
a.	0160	AHU at 24.0M PH CCR (Capacity: 30250 CFM / 90 mmSP (H), AHU TAG NO: AHU-1, AHU-2, AHU-3)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
b.	0170	AHU at 8.5M PH UPS (Capacity: 9000 CFM / 75 mmSP (H), AHU TAG NO: AHU-4, AHU-5, AHU-6)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
c.	0180	Ceiling Suspended AHU at 0.0M PH SWAS Room (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-1, CS AHU-2)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
d.	0190	Ceiling Suspended AHU at 0.0M PH AC Plant CR (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-3, CS AHU-4)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
e.	0200	Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM (Capacity: 3600 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-5, CS AHU-6)		Set	1	M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
6.07.05		Cooling Tower						
(i)	0210	Spray nozzles CT Model no: 6122 (TB); Serial number 22-2F0114A&B.	1Set (one set means complete replacement for one cooling tower)	Set	1	M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
(ii)	0220	Set of fills CT Model no: 6122 (TB); Serial number 22-2F0114A&B.	10% (rounded off to the next higher integer) of total quantity used one Tower	Percentage	10%	M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
6.07.06		Valves	1No. for each type, Class and size					
a.	0230	Gate valves (300mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
b.	0240	Gate valves (250mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
c.	0250	Gate valves (200mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
d.	0260	Gate valves (150mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
e.	0270	Gate valves (125mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
f.	0280	Gate valves (100mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
g.	0290	Gate valves (80mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
h.	0300	Gate valves (65mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
i.	0310	Gate valves (50mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
j.	0320	Gate valves (40mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
k.	0330	Gate valves (32mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
l.	0340	Balancing valves (200mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
m.	0350	Balancing valves (150mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
n.	0360	Balancing valves (125mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
o.	0370	Balancing valves (80mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
p.	0380	Balancing valves (65mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
q.	0390	Balancing valves (40mm)		No.	1	M/s Advance	PE-V0-445-553-A030_Rev 03	
r.	0400	NRV (200mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
s.	0410	NRV (125mm)		No.	1	M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
t.	0420	3 way mixing valve (80NB) with actuator (model no: RC981S2A).		No.	1	M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for 24.0M AHU Room
u.	0430	3 way mixing valve (50NB) with actuator (model no: RC981SA).		No.	1	M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for 8.5M AHU Room
v.	0440	3 way mixing valve (25NB) with actuator (model no: RC981JA).		No.	1	M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for Ceiling suspended AHUs for AC plant control room, SWAS room and VFD room. Size and actuator model of 3-way motorized valve is same for all ceiling suspended AHUs.
B		Electrical spares						
7.21.00		Motor						
7.21.02		415 Volt Motor						
(i)		Motor of each type and rating (Note : motors covered in mechanical spare items need not to be included here again) 10% of the installed quantity or minimum 1 number whichever be higher	10% of the installed quantity or minimum 1 number whichever be higher					

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
a.	0450	7.5 kW / 4P	Equipment Driven: Cooling Tower	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0460	30 kW / 4P	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0470	15 kW / 4P	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0480	18.5 kW / 4P	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0490	5.5 kW / 4P	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	0500	1.5 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room- Capacity: 3000 CFM / 60 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	0510	2.2 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	0520	0.37 kw / 2P	Equipment Driven: FRESH AIR FAN 1200 CFM/ 2039 CMH at 30 mm SP for AHU Room at 8.5 MTR Power House	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0530	1.5 kw / 2P	Equipment Driven: FRESH AIR FAN 4500 CFM/ 7646 CMH at 30 mm SP for AHU Room at 24 MTR Power House	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0540	0.55 kw / 2P	Equipment Driven: FRESH AIR FAN 1800 CFM/ 3059 CMH at 30 mm SP for PAC room at 9.2M ESP CUM FGD BUILDING	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0550	0.75 kw / 4P	Equipment Driven: SMOKE EXHAUST FAN 6800 CMH at 20 mmSP for AHU Room at 8.5 MTR Power House	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0560	2.2 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 19000 CMH at 20 mmSP for ESP CUM FGD BUILDING	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0570	3.7 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 24000 CMH at 20 mm SP for AHU ROOM AT 24 MTR. Power House	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(ii)		End Shield Cover Driving & Non-Driving End	1 set for each type and rating of Motor					
a.	0580	7.5 kW / 4P	Equipment Driven: Cooling Tower	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
b.	0590	30 kW / 4P	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0600	15 kW / 4P	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0610	18.5 kW / 4P	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0620	5.5 kW / 4P	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	0630	1.5 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room- Capacity: 3000 CFM / 60 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	0640	2.2 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	0650	0.37 kw / 2P	Equipment Driven: FRESH AIR FAN 1200 CFM/ 2039 CMH at 30 mm SP for AHU Room at 8.5 MTR Power House	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0660	1.5 kw / 2P	Equipment Driven: FRESH AIR FAN 4500 CFM/ 7646 CMH at 30 mm SP for AHU Room at 24 MTR Power House	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0670	0.55 kw / 2P	Equipment Driven: FRESH AIR FAN 1800 CFM/ 3059 CMH at 30 mm SP for PAC room at 9.2M ESP CUM FGD BUILDING	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0680	0.75 kw / 4P	Equipment Driven: SMOKE EXHAUST FAN 6800 CMH at 20 mmSP for AHU Room at 8.5 MTR Power House	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0690	2.2 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 19000 CMH at 20 mmSP for ESP CUM FGD BUILDING	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0700	3.7 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 24000 CMH at 20 mm SP for AHU ROOM AT 24 MTR. Power House	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(iv)		Bearings (DE and NDE) for each type and rating of motor	2 sets					
a.	0710	7.5 kW / 4P Bearings (DE and NDE)	Equipment Driven: Cooling Tower	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6208ZZC3 NDE Bearing No: 6305ZZC3

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Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
b.	0720	30 kW / 4P Bearings (DE and NDE)	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6312ZZC3 NDE Bearing No: 6212ZZC3
c.	0730	15 kW / 4P Bearings (DE and NDE)	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6309ZZC3 NDE Bearing No: 6209ZZC3
d.	0740	18.5 kW / 4P Bearings (DE and NDE)	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6310ZZC3 NDE Bearing No: 6210ZZC3
e.	0750	5.5 kW / 4P Bearings (DE and NDE)	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6308ZZC3 NDE Bearing No: 6208ZZC3
f.	0760	1.5 kW / 4P Bearings (DE and NDE)	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room- Capacity: 3000 CFM / 60 mmSP (H)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6205ZZC3 NDE Bearing No: 6203ZZC3
g.	0770	2.2 kW / 4P Bearings (DE and NDE)	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)	Sets	2	SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6206ZZC3 NDE Bearing No: 6205ZZC3
h.	0780	0.37 kw / 2P Bearings (DE and NDE)	Equipment Driven: FRESH AIR FAN 1200 CFM/ 2039 CMH at 30 mm SP for AHU Room at 8.5 MTR Power House	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6202 2Z NDE Bearing No: 6202 2Z
i.	0790	1.5 kw / 2P Bearings (DE and NDE)	Equipment Driven: FRESH AIR FAN 4500 CFM/ 7646 CMH at 30 mm SP for AHU Room at 24 MTR Power House	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6205 2Z NDE Bearing No: 6205 2Z
j.	0800	0.55 kw / 2P Bearings (DE and NDE)	Equipment Driven: FRESH AIR FAN 1800 CFM/ 3059 CMH at 30 mm SP for PAC room at 9.2M ESP CUM FGD BUILDING	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6202 2Z NDE Bearing No: 6202 2Z
k.	0810	0.75 kw / 4P Bearings (DE and NDE)	Equipment Driven: SMOKE EXHAUST FAN 6800 CMH at 20 mmSP for AHU Room at 8.5 MTR Power House	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6204 Z NDE Bearing No: 6204 Z
l.	0820	2.2 KW / 6P Bearings (DE and NDE)	Equipment Driven: SMOKE EXHAUST FAN 19000 CMH at 20 mmSP for ESP CUM FGD BUILDING	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6306 Z C3 NDE Bearing No: 6206 Z C3
m.	0830	3.7 KW / 6P Bearings (DE and NDE)	Equipment Driven: SMOKE EXHAUST FAN 24000 CMH at 20 mm SP for AHU ROOM AT 24 MTR. Power House	Sets	2	SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6308 2Z C3 NDE Bearing No: 6208 2Z C3
(v)		Cooling Fan for all type and rating of LT motors	One (1) set					
a.	0840	7.5 kW / 4P	Equipment Driven: Cooling Tower	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	

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Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
b.	0850	30 kW / 4P	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0860	15 kW / 4P	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0870	18.5 kW / 4P	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0880	5.5 kW / 4P	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	0890	1.5 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room- Capacity: 3000 CFM / 60 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	0900	2.2 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)	Set	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	0910	0.37 kw / 2P	Equipment Driven: FRESH AIR FAN 1200 CFM/ 2039 CMH at 30 mm SP for AHU Room at 8.5 MTR Power House	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0920	1.5 kw / 2P	Equipment Driven: FRESH AIR FAN 4500 CFM/ 7646 CMH at 30 mm SP for AHU Room at 24 MTR Power House	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0930	0.55 kw / 2P	Equipment Driven: FRESH AIR FAN 1800 CFM/ 3059 CMH at 30 mm SP for PAC room at 9.2M ESP CUM FGD BUILDING	Set	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0940	0.75 kw / 4P	Equipment Driven: SMOKE EXHAUST FAN 6800 CMH at 20 mmSP for AHU Room at 8.5 MTR Power House	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0950	2.2 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 19000 CMH at 20 mmSP for ESP CUM FGD BUILDING	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0960	3.7 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 24000 CMH at 20 mm SP for AHU ROOM AT 24 MTR. Power House	Set	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(vii)		Motor Terminal Block	1 no. for each type and rating of Motor					
a.	0970	7.5 kW / 4P	Equipment Driven: Cooling Tower	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0980	30 kW / 4P	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	

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Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
c.	0990	15 kW / 4P	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	1000	18.5 kW / 4P	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	1010	5.5 kW / 4P	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	1020	1.5 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room- Capacity: 3000 CFM / 60 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	1030	2.2 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)	No.	1	M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	1040	0.37 kw / 2P	Equipment Driven: FRESH AIR FAN 1200 CFM/ 2039 CMH at 30 mm SP for AHU Room at 8.5 MTR Power House	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	1050	1.5 kw / 2P	Equipment Driven: FRESH AIR FAN 4500 CFM/ 7646 CMH at 30 mm SP for AHU Room at 24 MTR Power House	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	1060	0.55 kw / 2P	Equipment Driven: FRESH AIR FAN 1800 CFM/ 3059 CMH at 30 mm SP for PAC room at 9.2M ESP CUM FGD BUILDING	No.	1	M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	1070	0.75 kw / 4P	Equipment Driven: SMOKE EXHAUST FAN 6800 CMH at 20 mmSP for AHU Room at 8.5 MTR Power House	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	1080	2.2 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 19000 CMH at 20 mmSP for ESP CUM FGD BUILDING	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	1090	3.7 KW / 6P	Equipment Driven: SMOKE EXHAUST FAN 24000 CMH at 20 mm SP for AHU ROOM AT 24 MTR. Power House	No.	1	M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(viii)		Complete Set of Coupling	1 set for each type and rating					
a.	1100	7.5 kW / 4P	Equipment Driven: Cooling Tower	No.	1	M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
b.	1110	30 kW / 4P	Equipment Driven: Condenser Water Pump (150 CMH / 45M Head)	No.	1	M/s Wilo Pumps	PE-V0-445-553-A020_Rev 00	

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Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
c.	1120	15 kW / 4P	Equipment Driven: Chilled Water Pump (80 CMH / 35M Head)	No.	1	M/s Wilo Pumps	PE-V0-445-553-A020_Rev 00	
d.	1130	18.5 kW / 4P	Equipment Driven: AHU at 24.0M PH CCR- Capacity: 30250 CFM / 90 mmSP (H)	Set	1	M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	belt size: B82
e.	1140	5.5 kW / 4P	Equipment Driven: AHU at 8.5M PH UPS- Capacity: 9000 CFM / 75 mmSP (H)	Set	1	M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	belt size: B41
f.	1150	1.5 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 0.0M PH SWAS Room & AC Plant Control room- Capacity: 3000 CFM / 60 mmSP (H)	Set	1	M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	A-26 is belt size for Ceiling Suspended AHU at 0.0M PH SWAS Room A-31 is belt size for AC Plant Control room A-26 is belt size for Ceiling Suspended AHU at at 29.0M PH VFD ROOM IN BOILER MCC ROOM
g.		2.2 kW / 4P	Equipment Driven: Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM- Capacity: 3600 CFM / 60 mmSP (H)					
C		C&I Spares						
8.04.00		Field Instrument						
8.04.01		Electronic Transmitters						
(vii)	1160	Humidity Sensor (RHS) with Temperature Sensor (TS)		Nos.	1	M/s Honeywell	PE-V0-445-553-A036_Rev 04	
(viii)	1170	Temperature Probe for Screw Chiller		Nos.	1	M/s Climaveneta	PE-V0-445-553-A014	TEMPERATURE PROBE 6MT 0/150 Å° C NTC060HT00
(ix)	1180	Water Pressure Switch for Screw Chiller		Nos.	1	M/s Climaveneta	PE-V0-445-553-A014	WATER PRESSURE SWITCH WFS10005BB-6MT
(x)	1190	Solenoid Valve for Screw Chiller		Nos.	1	M/s Climaveneta	PE-V0-445-553-A014	Solenoid valve 1/2" FDF10A-1001+ COIL FDFX01-1002

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Supply of Mandatory spares for Air- Conditioning System

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Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
8.04.02		Different type of Switches						
(i)		Pressure Switch	2(two)no. of each type & model/range used in the system					
a.	1200	Pressure switch (Water)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1210	Pressure switch (Air)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
(ii)		Differential Pressure Switch	2(two)no. of each type & model/range used in the system					
a.	1220	Differential Pressure switch (Water)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1230	Differential Pressure switch (Air)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
(iii)		Level Switch	2(two)no. of each type & model/range used in the system					
a.	1240	Level Switch	2(two)no. of each type & model/range used in the system	Nos	2	M/s D. K. INSTRUMENT	PE-V0-445-553-A036_Rev 04	
(iv)		Flow Switch	2(two)no. of each type & model/range used in the system					
a.	1250	Water Flow Switch (125NB)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1260	Water Flow Switch (200NB)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
c.	1270	Water Flow Switch (65NB)	2(two)no. of each type & model/range used in the system	Nos	2	M/s WIKA	PE-V0-445-553-A036_Rev 04	
8.04.04		RTD	10% of each type and length used in one unit					
a.	1280	Temperature Element	10% of each type and length used in one unit	Nos	1	M/s PYRO ELECTRIC	PE-V0-445-553-A036_Rev 04	
8.04.05		Thermo-well for both TC and RTD	2(Two) nos. for each type and rating/length used in the system					
a.	1290	Thermowell for RTD-Temperature Element	2(Two) nos. for each type and rating/length used in the system	Nos	2	M/s PYRO ELECTRIC	PE-V0-445-553-A036_Rev 04	

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Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
8.04.07		Different types of Gauge						
(i)		Pressure Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.					
a.	1300	Pressure guage	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.	Nos	7	M/s H GURU	PE-V0-445-553-A036_Rev 04	
(iii)		Temperature Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.					
a.	1310	Temperature guage	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.	Nos	6	M/s GIC	PE-V0-445-553-A036_Rev 04	
(iv)		Magnetic Level Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.					
a.	1320	LEVEL GAUGE	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.	No	1	M/s D.K. INSTRUMENTS	PE-V0-445-553-A036_Rev 04	
8.04.09		Rotameter	10% of total nos. used in the system or minimum 2(Two) nos. whichever is more for each type, rating,/model and size used in the system.					
a.	1330	Flow meter / Rotameter	10% of total nos. used in the system or minimum 2(Two) nos. whichever is more for each type, rating,/model and size used in the system.	Nos	2	M/s EUREKA	PE-V0-445-553-A036_Rev 04	
8.04.11		Erection Hardware						
(iii)	1340	Impulse Line Isolation valve	10% of total nos. used in the system or minimum 4(four) nos. whichever is more for each type, rating,/model and size used in the system.	Nos	7	NA	PE-V0-445-553-A037_Rev 05	Valve Size: 15Nb
8.04.13		Conductivity Type Level Switch						
8.10.00		Control Panel And Local/Remote Control Desk						

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WBPDCL Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)					
Sl. No.	Item No.	DESCRIPTION	QTY	Unit	Quantity	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
8.10.04A	1350	programmable controller for Screw Chiller		No.	1	M/s Climaveneta	PE-V0-445-553-A014	1 no. programmable controller SCHEDA PCO5+XL-GREY P+5CVB09000Z

Price Schedule

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
6.07.00		Air Conditioning System							
6.07.02		Centrifugal pumps of all categories							
(i)		Impeller							
a.	0010	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPT 80-420 HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0020	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
(ii)		Wearing Rings							
a.	0030	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPT 80-420 HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0040	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
(iii)		Complete Set of Bearing							
a.	0050	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPT 80-420 HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0060	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
(iv)		Complete Set of Seal and other wear out parts							
a.	0070	Condenser Water Pump (150 CMH / 45M Head, Model no: SCPT 80-420 HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
b.	0080	Chilled Water Pump (80 CMH / 35M Head, Model no: SCP-80-340-HA)	Set	1			M/s WILO	PE-V0-445-553-A020_Rev 00	
(v)		Strainer Basket							
a.	0090	Strainer for Condenser Water Pump, Size: 200 mm, Model no: CI-16B)	Set	1			M/s SANT	PE-V0-445-553-A050-Rev 02	
b.	0100	Strainer for Chilled Water Pump, Size: 150mm, Model no: CI-16B)	Set	1			M/s SANT	PE-V0-445-553-A050-Rev 02	
6.07.03		Centrifugal Blowers of All AHU							
(i)		Rotating Assembly							
a.	0110	AHU at 24.0M PH CCR (Capacity: 30250 CFM / 90 mmSP (H), AHU TAG NO: AHU-1, AHU-2, AHU-3)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
b.	0120	AHU at 8.5M PH UPS (Capacity: 9000 CFM / 75 mmSP (H), AHU TAG NO: AHU-4, AHU-5, AHU-6)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
c.	0130	Ceiling Suspended AHU at 0.0M PH SWAS Room (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-1, CS AHU-2)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
d.	0140	Ceiling Suspended AHU at 0.0M PH AC Plant CR (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-3, CS AHU-4)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	

Price Schedule

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCL Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
e.	0150	Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM (Capacity: 3600 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-5, CS AHU-6)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
(ii)		Complete Set of Bearing							
a.	0160	AHU at 24.0M PH CCR (Capacity: 30250 CFM / 90 mmSP (H), AHU TAG NO: AHU-1, AHU-2, AHU-3)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
b.	0170	AHU at 8.5M PH UPS (Capacity: 9000 CFM / 75 mmSP (H), AHU TAG NO: AHU-4, AHU-5, AHU-6)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
c.	0180	Ceiling Suspended AHU at 0.0M PH SWAS Room (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-1, CS AHU-2)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
d.	0190	Ceiling Suspended AHU at 0.0M PH AC Plant CR (Capacity: 3000 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-3, CS AHU-4)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
e.	0200	Ceiling Suspended AHU at 29.0M PH VFD ROOM IN BOILER MCC ROOM (Capacity: 3600 CFM / 60 mmSP (H), AHU TAG NO: CS AHU-5, CS AHU-6)	Set	1			M/s Waves Aircon Pvt. Ltd	PE-V0-445-553-A019_Rev 04	
6.07.05		Cooling Tower							
(i)	0210	Spray nozzles CT Model no: 6122 (TB); Serial number 22-2F0114A&B.	Set	1			M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
(ii)	0220	Set of fills CT Model no: 6122 (TB); Serial number 22-2F0114A&B.	Percentage	10%			M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
6.07.06		Valves							
a.	0230	Gate valves (300mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
b.	0240	Gate valves (250mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
c.	0250	Gate valves (200mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
d.	0260	Gate valves (150mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
e.	0270	Gate valves (125mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
f.	0280	Gate valves (100mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
g.	0290	Gate valves (80mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
h.	0300	Gate valves (65mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
i.	0310	Gate valves (50mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
j.	0320	Gate valves (40mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	

Price Schedule

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
k.	0330	Gate valves (32mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
l.	0340	Balancing valves (200mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
m.	0350	Balancing valves (150mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
n.	0360	Balancing valves (125mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
o.	0370	Balancing valves (80mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
p.	0380	Balancing valves (65mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
q.	0390	Balancing valves (40mm)	No.	1			M/s Advance	PE-V0-445-553-A030_Rev 03	
r.	0400	NRV (200mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
s.	0410	NRV (125mm)	No.	1			M/s Bankim & Company	PE-V0-445-553-A030_Rev 03	
t.	0420	3 way mixing valve (80NB) with actuator (model no: RC981S2A).	No.	1			M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for 24.0M AHU Room
u.	0430	3 way mixing valve (50NB) with actuator (model no: RC981SA).	No.	1			M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for 8.5M AHU Room
v.	0440	3 way mixing valve (25NB) with actuator (model no: RC981JA).	No.	1			M/s Rapid Control	PE-V0-445-553-A027_Rev 01	for Ceiling suspended AHUs for AC plant control room, SWAS room and VFD room. Size and actuator model of 3-way motorized valve is same for all ceiling suspended AHUs.
B		Electrical spares							
7.21.00		Motor							
7.21.02		415 Volt Motor							
(i)		Motor of each type and rating (Note : motors covered in mechanical spare items need not to be included here again) 10% of the installed quantity or minimum 1 number whichever be higher							
a.	0450	7.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0460	30 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0470	15 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0480	18.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0490	5.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	

Price Schedule

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
f.	0500	1.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	0510	2.2 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	0520	0.37 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0530	1.5 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0540	0.55 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0550	0.75 kw / 4P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0560	2.2 KW / 6P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0570	3.7 KW / 6P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(ii)		End Shield Cover Driving & Non-Driving End							
a.	0580	7.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0590	30 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0600	15 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0610	18.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0620	5.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	0630	1.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	

Price Schedule

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
g.	0640	2.2 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	0650	0.37 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0660	1.5 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0670	0.55 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0680	0.75 kw / 4P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0690	2.2 KW / 6P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0700	3.7 KW / 6P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(iv)		Bearings (DE and NDE) for each type and rating of motor							
a.	0710	7.5 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6208ZZC3 NDE Bearing No: 6305ZZC3
b.	0720	30 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6312ZZC3 NDE Bearing No: 6212ZZC3
c.	0730	15 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6309ZZC3 NDE Bearing No: 6209ZZC3
d.	0740	18.5 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6310ZZC3 NDE Bearing No: 6210ZZC3
e.	0750	5.5 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6308ZZC3 NDE Bearing No: 6208ZZC3
f.	0760	1.5 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6205ZZC3 NDE Bearing No: 6203ZZC3

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
g.	0770	2.2 kW / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A022_Rev 03	DE Bearing No: 6206ZZC3 NDE Bearing No: 6205ZZC3
h.	0780	0.37 kw / 2P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6202 2Z NDE Bearing No: 6202 2Z
i.	0790	1.5 kw / 2P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6205 2Z NDE Bearing No: 6205 2Z
j.	0800	0.55 kw / 2P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6202 2Z NDE Bearing No: 6202 2Z
k.	0810	0.75 kw / 4P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6204 Z NDE Bearing No: 6204 Z
l.	0820	2.2 KW / 6P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6306 Z C3 NDE Bearing No: 6206 Z C3
m.	0830	3.7 KW / 6P Bearings (DE and NDE)	Sets	2			SKF/FAG	PE-V0-445-553-A017_Rev 02	DE Bearing No: 6308 2Z C3 NDE Bearing No: 6208 2Z C3
(v)		Cooling Fan for all type and rating of LT motors							
a.	0840	7.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0850	30 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0860	15 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	0870	18.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	0880	5.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	0890	1.5 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	0900	2.2 kW / 4P	Set	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
h.	0910	0.37 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
i.	0920	1.5 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	0930	0.55 kw / 2P	Set	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	0940	0.75 kw / 4P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	0950	2.2 KW / 6P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	0960	3.7 KW / 6P	Set	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(vii)		Motor Terminal Block							
a.	0970	7.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
b.	0980	30 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
c.	0990	15 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
d.	1000	18.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
e.	1010	5.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
f.	1020	1.5 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
g.	1030	2.2 kW / 4P	No.	1			M/s CG Power	PE-V0-445-553-A022_Rev 03	
h.	1040	0.37 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
i.	1050	1.5 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
j.	1060	0.55 kw / 2P	No.	1			M/s Bharat Bijli (BBL)	PE-V0-445-553-A017_Rev 02	
k.	1070	0.75 kw / 4P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
l.	1080	2.2 KW / 6P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
m.	1090	3.7 KW / 6P	No.	1			M/s LAXMI HYDRAULICS PVT LTD (LHP)	PE-V0-445-553-A017_Rev 02	
(viii)		Complete Set of Coupling							
a.	1100	7.5 kW / 4P	No.	1			M/s Paharpur Cooling Towers Ltd.	PE-V0-445-553-A018_Rev 03	
b.	1110	30 kW / 4P	No.	1			M/s Wilo Pumps	PE-V0-445-553-A020_Rev 00	
c.	1120	15 kW / 4P	No.	1			M/s Wilo Pumps	PE-V0-445-553-A020_Rev 00	
d.	1130	18.5 kW / 4P	Set	1			M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	belt size: B82
e.	1140	5.5 kW / 4P	Set	1			M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	belt size: B41
f.	1150	1.5 kW / 4P	Set	1			M/s Waves Aircon Pvt. Ltd	Power transmission belt as per document no. PE-V0-445-553-A019	A-26 is belt size for Ceiling Suspended AHU at 0.0M PH SWAS Room A-31 is belt size for AC Plant Control room A-26 is belt size for Ceiling Suspended AHU at at 29.0M PH VFD ROOM IN BOILER MCC ROOM
g.		2.2 kW / 4P							

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NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

Supply of Mandatory spares for Air- Conditioning System

DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
C		C&I Spares							
8.04.00		Field Instrument							
8.04.01		Electronic Transmitters							
(vii)	1160	Humidity Sensor (RHS) with Temperature Sensor (TS)	Nos.	1			M/s Honeywell	PE-V0-445-553-A036_Rev 04	
(viii)	1170	Temperature Probe for Screw Chiller	Nos.	1			M/s Climaveneta	PE-V0-445-553-A014	TEMPERATURE PROBE 6MT 0/150 Å° C NTC060HT00
(ix)	1180	Water Pressure Switch for Screw Chiller	Nos.	1			M/s Climaveneta	PE-V0-445-553-A014	WATER PRESSURE SWITCH WFS10005BB- 6MT
(x)	1190	Solenoid Valve for Screw Chiller	Nos.	1			M/s Climaveneta	PE-V0-445-553-A014	Solenoid valve 1/2" FDF10A-1001+ COIL FDFX01-1002
8.04.02		Different type of Switches							
(i)		Pressure Switch							
a.	1200	Pressure switch (Water)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1210	Pressure switch (Air)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
(ii)		Differential Pressure Switch							
a.	1220	Differential Pressure switch (Water)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1230	Differential Pressure switch (Air)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
(iii)		Level Switch							
a.	1240	Level Switch	Nos	2			M/s D. K. INSTRUMENT	PE-V0-445-553-A036_Rev 04	
(iv)		Flow Switch							

Price Schedule									
NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026									
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DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
a.	1250	Water Flow Switch (125NB)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
b.	1260	Water Flow Switch (200NB)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
c.	1270	Water Flow Switch (65NB)	Nos	2			M/s WIKA	PE-V0-445-553-A036_Rev 04	
8.04.04		RTD							
a.	1280	Temperature Element	Nos	1			M/s PYRO ELECTRIC	PE-V0-445-553-A036_Rev 04	
8.04.05		Thermo-well for both TC and RTD							
a.	1290	Thermowell for RTD-Temperature Element	Nos	2			M/s PYRO ELECTRIC	PE-V0-445-553-A036_Rev 04	
8.04.07		Different types of Gauge							

Price Schedule

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WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

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DOCUMENT TITLE:			LIST OF MANDATORY SPARES FOR AIR CONDITIONING SYSTEM (TECHNICAL PART)						
Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
(i)		Pressure Gauge							
a.	1300	Pressure guage	Nos	7			M/s H GURU	PE-V0-445-553-A036_Rev 04	
(iii)		Temperature Gauge							
a.	1310	Temperature guage	Nos	6			M/s GIC	PE-V0-445-553-A036_Rev 04	
(iv)		Magnetic Level Gauge							
a.	1320	LEVEL GAUGE	No	1			M/s D.K. INSTRUMENTS	PE-V0-445-553-A036_Rev 04	
8.04.09		Rotameter							
a.	1330	Flow meter / Rotameter	Nos	2			M/s EUREKA	PE-V0-445-553-A036_Rev 04	
8.04.11		Erection Hardware							
(iii)	1340	Impulse Line Isolation valve	Nos	7			NA	PE-V0-445-553-A037_Rev 05	Valve Size: 15Nb
8.04.13		Conductivity Type Level Switch							
8.10.00		Control Panel And Local/Remote Control Desk							
8.10.04A	1350	programmable controller for Screw Chiller	No.	1			M/s Climaveneta	PE-V0-445-553-A014	1 no. programmable controller SCHEDA PCO5+XL-GREY P+5CVB09000Z
			al in Rs. (Figu			0			
		Total in Rs. (Words)							
Note:									
1		GST as applicable will be extra.							

Price Schedule

NIT Ref. No. BHEL: PSER: SGD: BOP:AC: MS Dtd. 22.08.2026

WBPDCS Sagardighi TPS 1X660 MW (Extension UNIT - 5)

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Sl. No.	ITEM NO	DESCRIPTION	Unit	Quantity	UNIT RATE	TOTAL RATE	Main Equipment Make	Main Equipment Drg / Doc num.	Remarks
2		Price should be inclusive of Packing & forwarding and Transportation charge.							



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Balance Drawing/documents

1. [PE-V0-445-553-A014 R2.pdf](#)
2. [PE-V0-445-553-A017 Rev 02.pdf](#)
3. [PE-V0-445-553-A018 R3.pdf](#)
4. [PE-V0-445-553-A019 R4.pdf](#)
5. [PE-V0-445-553-A020 R0.pdf](#)
6. [PE-V0-445-553-A022 Rev 03.pdf](#)
7. [PE-V0-445-553-A027 R0.pdf](#)
8. [PE-V0-445-553-A030 R3.pdf](#)
9. [PE-V0-445-553-A036 Rev 04 Part-01.pdf](#)
10. [PE-V0-445-553-A036 Rev 04 Part-02.pdf](#)
11. [PE-V0-445-553-A037 R5.pdf](#)
12. [PE-V0-445-553-A050 R2.pdf](#)