

Bhartiya Rail Bijlee Company Ltd

(A Subsidiary Of NTPC Ltd)

Nabinagar Thermal Power Project

H-Type Office, Thana-Khaira

Nabinagar, Aurangabad Nabinagar

Bihar- 824303, India

Telephone No. : 06332-233034 Fax No. : 06332-233022

PURCHASE ORDER

CIN No. : L40101DL1975GOI007966

GST No. : 10AADCB3805A1ZQ

To:

ASHBOND ENGINEERS PVT LTD

B-9/3 MIAWALI NAGAR ROHTAK ROAD

NEW DELHI

Delhi -110087

India

Tel: 011-25271161

Fax: 011-25264696

E-Mail : ashbond100@gmail.com

Vendor Code : 1040602 (SME Vendor)

PAN No : AAACA6708J

Purchase Order No. : 4000205102-M94-2015 Date: 10.09.2018 (version : 0)

Reference : Supply of SPARES FOR HP BYPASS SYSTEM

Our Enquiry No. : 9900152693 Date : 07.04.2018

Offer : AEPL/NTPC Nabinagar/18-19/1303 dated 27.04.2018

Dear Sir,

We are pleased to accept your above cited offer along with correspondences thereof and place our Purchase Order No. 4000205102-M94-2015 dated 10.09.2018 for total order value of INR 3,526,570.40 . Please arrange to deliver the materials as detailed in Annexure-1 & 2 subject to terms and conditions specified in Annexure-3 and in our General Purchase Conditions, other specifications and requirement. Duplicate copy of the Purchase Order may please be signed and returned back to us within 15 days of its receipt in token of acceptance of the same. If no communication is received within 15 days of receipt of Purchase Order, it will be treated that order has been accepted in entirety.

Our general purchase conditions shall form part of Purchase Order for all other clauses.

For and on Behalf of Bhartiya Rail Bijlee Company Ltd

(S.K. Jain)
Sr. Manager(C&M)

Enclosures

CC: IYAPPAN ENGINEERING INDUSTRIES, PVT LTD

107/A, 5TH STREET, SECTOR-1

SIDCO IND. ESTATE, AMBATTUR

CHENNAI,

Tamil Nadu-600098

India

Tel: 044-26252073/26252173

ANNEXURE - 1

Consignee - Manager/ Senior Manager (Stores)

Delivery Address:

Nabinagar Thermal Power Project
H-Type Office, Thana-Khaira Nabinagar, Aurangabad Nabinagar
Bihar- 824303, India
Telephone No. : 06332-233034 Fax No. : 06332-233022
GST No. :

Purchase Order Currency: Indian Rupee

Additional Information:

Our bankers: M/s SURAT GOODS TRANSPORT PVT LTD

S.No.	Material Code	Description	Qty.	UM	Unit Rate	Discount	Lumpsum Discount	Net Price	Total Amount
10	M9419156007	SERVO VALVE 10-4+R6	2.000	NO	239,500.0000	0.00	0.00	239,500.0000	479,000.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
20	M9419106001	BLOCKING UNIT FOR HP BYPASS SPRAY VALVE	3.000	NO	87,300.0000	0%	0.00	87,300.0000	261,900.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
30	M9419150008	SET OF PACKING FOR SERVO VALVE ST-10	6.000	SET	1,210.0000	0%	0.00	1,210.0000	7,260.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
40	M9419100016	SET OF PACKINGS FOR BLOCKING UNIT BL-10	6.000	NO	1,050.0000	0%	0.00	1,050.0000	6,300.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
50	M9419346113	PR HOSE FOR OIL SUPPLY UNIT OF HPBYPASS	3.000	NO	1,870.0000	0%	0.00	1,870.0000	5,610.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
60	M9419356108	PRESSURE GAUGE 0-250 BAR FOR HPBP	4.000	NO	2,332.4000	0%	0.00	2,332.4000	9,329.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
70	M9430652811	GLYCERIN FILLED PR. GAUGE RANGE-0-160KSC	4.000	NO	1,558.2000	0%	0.00	1,558.2000	6,232.80
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
80	M9419226004	MICRONIC FILTER FOR OIL SUPPLY UNIT	2.000	NO	34,900.0000	0%	0.00	34,900.0000	69,800.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
90	M9419356184	PUMP SUCTION FILTER FOR HPBP OSU	6.000	NO	26,900.0000	0%	0.00	26,900.0000	161,400.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
100	M9419356167	AIR FILTER INSERT FOR HPBP OIL UNIT	6.000	NO	4,116.0000	0%	0.00	4,116.0000	24,696.00


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		OV32							
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
110	M9419506001	POSITION FEEDBACK TRX. OF HPBP	2.000	NO	255,780.0000	0%	0.00	255,780.0000	511,560.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
120	M9419026008	BLADDER FOR 30 LTR ACCUMULATOR OF HPBP	3.000	NO	50,666.0000	0%	0.00	50,666.0000	151,998.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
130	M9419156037	FIXING BOLTS FOR ST10 WITH WASHERS M6x13	12.000	NO	769.3000	0%	0.00	769.3000	9,231.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
140	M9419106029	FIXING BOLT TO BL10	12.000	NO	769.3000	0%	0.00	769.3000	9,231.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
150	M6530256262	SPRING WASHER	24.000	NO	29.4000	0%	0.00	29.4000	705.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
160	M9419226012	CERAMIC FILTER FOR ST-10 SERVO VALVE	12.000	NO	4,140.0000	0.00	0.00	4,140.0000	49,680.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
170	M9419356114	PRESSURE SWICTH FOR OIL UNIT HPBP SYSTEM	2.000	NO	89,474.0000	0%	0.00	89,474.0000	178,948.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
180	M9419356073	PRESSURE RELIEF VALVE FOR HPBP OSU	2.000	NO	15,974.0000	0%	0.00	15,974.0000	31,948.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
190	M9419356179	PRESSURE REDUCING VALVE FOR OV32B HPBP	2.000	NO	69,090.0000	0%	0.00	69,090.0000	138,180.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
200	M9419131406	BPAS SYS:SEAL:SEAL ASM100-10	2.000	NO	23,320.0000	0%	0.00	23,320.0000	46,640.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
210	M9419056070	SEAL SET FOR ASM 200 HPBP SYSTEM	2.000	SET	38,906.0000	0%	0.00	38,906.0000	77,812.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
220	M9419126002	HOSE ST-10 FOR SERVO VALVE	10.000	NO	1,577.8000	0%	0.00	1,577.8000	15,778.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
230	M9419350042	FLEXIBLE PRESSURE HOSE FOR SSB-10	4.000	NO	3,537.8000	0%	0.00	3,537.8000	14,151.20
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
240	M9419256004	SOLENOID VALVE FOR BD VALVE APL-6	2.000	NO	15,092.0000	0%	0.00	15,092.0000	30,184.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
250	M9419256007	APL-6 FOR BD VALVE	1.000	NO	59,780.0000	0%	0.00	59,780.0000	59,780.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
260	M9419556002	FEEDBACK UNIT	1.000	NO	98,980.0000	0%	0.00	98,980.0000	98,980.00

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		TYPE:R-4K,BD V/V HPBYPASS							
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
270	M9419156086	SERVO VALVE COMPLET ST 10-63/R6Z	2.000	NO	239,500.0000	0%	0.00	239,500.0000	479,000.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
280	M9419306040	QUICK STROKING DEVICE SSB-10 FOR HPBP	1.000	NO	248,430.0000	0%	0.00	248,430.0000	248,430.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
290	M6520106097	MAIN HYDRAULIC PUMP	1.000	NO	235,200.0000	0%	0.00	235,200.0000	235,200.00
Tax: IN:Integrated GST-ND @ 28.00 % Extra									
300	M9419346024	STOP CHECK V/V BHD 165 (NRV) FOR HPBP	1.000	NO	11,172.0000	0%	0.00	11,172.0000	11,172.00
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
310	M9419026009	BLADDER FOR 10 LTR ACCUMULATOR OF HPBP	2.000	NO	30,144.8000	0%	0.00	30,144.8000	60,289.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
320	M9419346101N	FLOW CONTROL V/V,DV-12,FOR HPBP SYSTEM	2.000	NO	9,564.8000	0.00	0.00	9,564.8000	19,129.60
Tax: IN:Integrated GST-ND @ 18.00 % Extra									
330	M9419350004	THROTTLE V/V OF RET.LINE FLOW CONT.HPBP	2.000	NO	8,506.4000	0%	0.00	8,506.4000	17,012.80
Tax: IN:Integrated GST-ND @ 18.00 % Extra									

Total Amount
Discount Value(Lumpsum)
Net Amount

INR 3,526,570.40
0.00
INR 3,526,570.40

(S. K. Jain)

ANNEXURE - 2

Bhartiya Rail Bijlee Company Ltd

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TECHNICAL DATA SHEET

S.No.	Material Code	Specification
10	M9419156007	1 Nos SERVO VALVE +1 Nos TORQUE MOTOR FOR HP BYPASS SYSTEM, WATER SPRAY VALVE, PART NO :ST-10-4 FOR SERVO VALVE + R6Z FOR TORQUE MOTOR.
20	M9419106001	BLOCKING UNIT FOR HP BYPASS STEAM AND SPRAY VALVES. PART NO BL-10
30	M9419150008	SET OF PACKING FOR SERVO VALVE ST-10-63 OR ST-10-4 CONSISTS: 1) O Ring for Housing of Servo Valve- 4 Nos 2) O Ring for filter support - 4 Nos 3) O Ring for Cover - 2 Nos 4) O Ring for piston rod - 2 Nos 5) O Ring for Insert - 1Nos 6) Diaphargm - 1Nos
40	M9419100016	SET OF PACKINGS FOR BLOCKING UNIT BL-10: 1) O Ring for Piston Rod- 1 Nos 2) O Ring for Piston - 1 Nos 3) O Ring for Cover - 1 Nos 4) O Ring for Spring Cover - 1 Nos 5) O Ring for BL 10 connection plate - 4Nos 6) O Ring for Housing - 2 Nos 7) O Ring for Housing and Connection plate - 3Nos
50	M9419346113	HIGH PRESSURE HOSE FOR OIL SUPPLY UNIT HP BYPASS UNIT.
60	M9419356108	PRESSURE GAUGE 0-250 BAR FOR HPBP SYSTEM.
70	M9430652811	GLYCERINE FILLED PRESSURE GAUGE RANGE : 0-160 Kg/cm2.
80	M9419226004	MICRONIC FILTER FOR OIL SUPPLY UNIT OF HPBYPASS.
90	M9419356184	PUMP SUCTION FILTER FOR HPBP OIL SUPPLY UNIT.
100	M9419356167	AIR FILTER INSERT FOR HPBP OIL SUPPLY UNIT OV32.
110	M9419506001	POSITION FEEDBACK TRASMITTER (PUSH BUTTON TYPE)FOR HP BYPASS VALVE. TYPE : RSG 16+4K.
120	M9419026008	BLADDER TO 30L ACCUMULATOR OF HP BYPASS OIL SUPPLY UNIT.
130	M9419156037	FIXING BOLTS FOR SERVO VALVES ST10-63 AND ST10-4 WITH WASHERS M6x130.USED IN HP BYPASS SYSTEM.
140	M9419106029	FIXING BOLTS FOR BL-10,Size M6x60.USED IN HP BYPASS SYSTEM.
150	M6530256262	SPRING WASHER M6 FOR HP BYPASS SYSTEM.
160	M9419226012	CERAMIC FILTER FOR ST-10-63 and ST-10-4 SERVO VALVES OF HP BYPASS SYSTEM.
170	M9419356114	PRESSURE SWITCH ASSEMBLY FOR OIL SUPPLY UNIT OF HP BYPASS SYSTEM.
180	M9419356073	PRESSURE RELEASE VALVE FOR OIL UNIT OF HP BYPASS SYSTEM.

(S.K.Jain)

Bhartiya Rail Bijlee Company Ltd
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TECHNICAL DATA SHEET

S.No.	Material Code	Specification
190	M9419356179	PRESSURE REDUCING VALVE FOR OV32B OF HPBYPASS SYSTEM.
200	M9419131406	Seal set for HP bypass actuator ASM-100 FOR HP BYPASS SYSTEM OF NTPC BRBCL, consisting of following: 1. O-RING D94.84X3.53-6731 1 No. 2. O-RING D47.22X3.53-6733 1 No. 3. O-RING D40.87X3.53-6738 1 No. 4. PISTON ROD SEALING 43X30X20 1 No. 5. PISTON SEALING FOR ASM-100-10 1 No. 6. GUIDE RING- 34X30X9.6 (FOR ASM-100-10) 2 Nos. 7. SCRAPER RING ASM-100-10 1 No.
210	M9419056070	Seal set for HP bypass actuator ASM-200 FOR HP BYPASS SYSTEM OF NTPC BRBCL, consisting of following: 1. O-RING D75.79X3.53-6804 1 No. 2. O-RING D91.67X3.53-6703 1 No. 3. O-RING D240.67X6.99-6724 1 No. 4. PISTON ROD SEALING FOR ASM-200-10 1 No. 5. PISTON SEALING FOR ASM-200-10 1 No. 6. GUIDE RING- D76XD70X12.8 (FOR ASM-200-10) 2 Nos. 7. SCRAPER RING ASM-200-10 1 No.
220	M9419126002	HOSE PIPE FOR ST10-63 AND ST10-4 SERVO VALVE USED IN HP BYPASS.LENGTH 1000MM.
230	M9419350042	HOSE PIPE FOR QUICK OPENING DEVICE SSB-10 USED IN HP BYPASS.LENGTH 1500MM.
240	M9419256004	HP BYPASS SYSTEM,SOLENOID VALVE FOR BD VALVE. APL-6
250	M9419256007	ON/OFF CONTROL UNIT,TYPE APL6 FOR BD VALVE OF HP BYPASS SYSTEM.
260	M9419556002	FEEDBACK UNIT TYPE:R+4K,FOR BD VALVE OF HP BYPASS SYSTEM.
270	M9419156086	1 Nos SERVO VALVE +1 Nos TORQUE MOTOR FOR HP BYPASS SYSTEM,BP VALVE, PART NO :ST-10-63 FOR SERVO VALVE + R6Z FOR TORQUE MOTOR.
280	M9419306040	QUICK STROKING DEVICE SSB-10 FOR HP BYPASS SYSTEM.
290	M6520106097	MAIN HYDRAULIC PUMP FOR HPBYPASS SYSTEM ,TYPE :T7B-B05-2ROO-A1MO-15.9ml/rev.
300	M9419346024	TWIN THROTTLE NON RETURN TYPE:Z2FS6-2-4X/2QV X CAN VARY FROM 0 TO 9
310	M9419026009	BLADDER OF 10L ACCUMULATOR FOR FAST OPENING DEVICE SSB10
320	M9419346101N	ADJUSTABLE THROTTLE VALVE ,DV-12, FOR HPBYPASS SYSTEM
330	M9419350004	ADJUSTABLE THROTTLE VALVE ,DV-8, FOR HPBYPASS SYSTEM

(S.K.Jain)

ANNEXURE - 3**Terms and Conditions**

1.	Order Value	INR 3,526,570.40 (THIRTY-FIVE LAKH TWENTY-SIX THOUSAND FIVE HUNDRED SEVENTY AND FORTY PAISA ONLY)
2.	Price Basis	Free on Road/Rail BRBCL, Nabinagar
3.	Freight Charges	To be borne by vendor
4.	Inspection	Material will be inspected at NTPC Stores
5.	Price Variation	Fixed Price Basis
6.	Place of Despatch	New Delhi
7.	Mode of transport	By road, Material will delivered at BRBCL store by vendor's own arrangement
8.	P & F Charges	Nil
9.	Payment Terms	100% payment within 30 days after receipt and acceptance of material at site.
10.	Mode of payment	EFT/RTGS/CHEQUE
11.	Delivery Period	Within 28 weeks (For item no. 10,30 to 170, 190 to 240 & 260 to 330) and 52 weeks for item no 20,180,&250 from the date of receipt of order.
12.	Insurance	By Buyer
13.	Bank Charges	Borne by VENDOR
14.	Documents to be Submitted	WARRANTY /GUARANTEE CERTIFICATE DELIVERY CHALLAN LR/RR/AWB INTERCHANGEABILITY CERTIFICATE
15.	Warrantee / Guarantee	As per Special instructions
16.	PBG Amount	Not Applicable
17.	SD Amount	Not Applicable
18.	LD Rate	0.50 % per week or part thereof for the portion executed / supplied beyond agreed delivery schedule
19.	LD Ceiling	5.00 % of PO Value
20.	Special Instruction	<p>1. Guarantee/warranty: Guaranteed for a period of 18 months from the date of receipt or 12 months from the date of commissioning of material, whichever is earlier against manufacturing defects.</p> <p>2. Guarantee/warranty certificate shall be submitted by vendor along with supply of materials.</p> <p>3. Interchangeability certificate shall be submitted by vendor along with supply of materials.</p> <p>3. Detailed technical specification and other terms and conditions as per tender enquiry and party offer submitted against the tender enquiry.</p> <p>4. GST: Extra as applicable at the time of delivery present rate is 18% for item no. 10 to 280 & 300 to 330 and 28% for item no. 290.</p> <p>5. Vendor to submit scanned copy of invoice at the time of despatch of material to email: brbcgst123@gmail.com</p> <p>***BRBCL Bank Account Details: A/C No. 30450307785, SBI- NTPC PROJECT BAREM, IFS Code: SBIN0014321, Branch Code: 14321</p>

Prepared By:
Sanjeev Kumar Jain

(S.K.Jain)