



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
PROJECT ENGINEERING MANAGEMENT

Enquiry No: PE/PG/PA1/E-5988/2018

Date- 28-Jun-18

BHEL invites offers from reputed Vendors (Refer pre-qualifying requirements and other requirements given in tender enquiry letter uploaded on our websites) for MILL REJECT SYSTEM (CONVEYOR TYPE) Package.

Mode of Enquiry		E - PROCUREMENT			
Project		3X800 MW PVUNL PATRATU TPP PHASE-1			
End Customer		PVUNL(Patratu Vidyut Utpadan Nigam Ltd ,a subsidiary of NTPC Ltd in joint venture with Jharkhand Bijli Vitran Nigam Ltd.)			
Executing Agency		BHEL-PSWR			
Package		MILL REJECT SYSTEM (CONVEYOR TYPE)			
Scope as Below-					
Supply	Yes	E & C	Yes	Min 20%	
Commissioning Spares	Yes	Supervision of E & C	No		
O & M Spares	No	Any Other	No		
Mandatory Spares	Yes	Packing	Normal		
Due Date & Time		23.07.2018		14:00	
Earnest Money Deposit (EMD)	No	Security Deposit (SD)	No	Tender Cost	NIL
No of Part Bid		02 (TWO)			
SCOPE AS PER TECHNICAL SPECIFICATION		AS PER TECHNICAL SPECIFICATION- PE-TS-434-160-A101			
TECHNICAL SPECIFICATION No	PE-TS-434-160-A101				
Last Date for Seeking Clarification		10.07.2018 Along with soft version also, addressing to undersigned			
Schedule of Pre Bid Discussion		NA			
Prequalification Requirement		Financial PQR- YES		Technical PQR- YES	
Delivery terms		FOR Despatch Station			
Delivery Schedule as below:-					
For Supply (along with commissioning spares)		10 (Ten) months from the date of LOA. Drawing/ documents shall be submitted as per Technical Specification (PE-TS-434-160-A101) & re-submission (if any) within 07 days from date of BHEL comments.			
E & C		Within Four (04) months from the date of availability of front for each unit. Site front availability will be reckoned as the date when site informs vendor for mobilization of manpower & resources.			
Mandatory Spares and tools and tackles.		Mandatory Spares: Delivery of mandatory spare shall be as per Amendment No.3 to Bid data sheets (BDS), section-III of technical specification --PE-TS-434-160-A101 REV0.			



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	Tools and tackles (if any) are to be delivered along with the last consignment of main supply within the contractual delivery period.	
HSE (Health, Safety & Environment) requirement of BHEL	YES (AS ENCLOSED)	
Integrity Pact	YES	
Evaluation Criteria- on overall L1 (Total cost to BHEL) basis excluding GST Quoted by bidder with necessary loading as applicable.	Project Wise	
Latest Update	All corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL website (www.bhel.com), https://bhel.abcpocure.com & BHEL-PEM website (www.bhelpem.com). Bidders should regularly visit websites to keep themselves updated.	
Your best quotation/offer for the above requirement, in line with our terms and conditions, should be uploaded through e-procurement Portal. It shall be the responsibility of the bidder to ensure that the tender is uploaded on or before the due date and time. Part-I bids shall be opened at 03:00 PM on through e-procurement Portal.		
Note: - The offers of the bidders who are on the banned list as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site http://www.bhel.com/vender_registration/vender.php .		
Terms & Conditions: -		
<u>Please refer GCC Rev 06 + Corrigendum to GCC Rev-06 which is available on www.bhelpem.com. You are requested to kindly download the same.</u>		
Bidders shall upload their offers meeting the requirements of the following tender documents (enclosed) and other Terms and Conditions included in this Enquiry Letter:		
1. Part-I: Techno-Commercial Bid: Comprising of technical offer, Commercial terms and conditions, unpriced copy of price bid and Annexure-II (Cost of Withdrawal), PQR documents. 2. Part-II: Price Bid: Containing prices, cost of withdrawal of deviation, if any (As per Annexure-II of GCC Rev 06), to be uploaded, strictly, as per price schedule of BHEL for complete scope of Tender enquiry.		
All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.		
1.	Tenders shall be uploaded strictly in accordance with the requirements of the above tender documents. Deviations (Technical as well as Commercial as per attached sheet), if any, shall be listed out separately in Annexure-II, along with reasons for taking such deviations.	
2.	Standard pre-printed terms & conditions of the tenderers shall not be considered valid.	
3.	In case there is no change in the technical scope and / or specification and / or commercial terms and conditions, the bidder/s shall not be allowed to change his / their price bids after the due date within the validity period.	



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4.	If any bidder has mentioned the term Not Applicable / Not Required / Not Quoted in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by Vendor.		
5.	Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.		
6.	Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be despatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Despatch Clearance Certificate (MDCC).		
7.	All other correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:		
	Mr. GURU DAS / Dy. MGR-BOP. M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 E-MAIL: gurudas@bhel.in Ph. No. 0120-4368605	Mr. Upendra Chaudhary/ Manager M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 Kind Attn: Upendra Chaudhary/Dy. Mgr E-MAIL: upendrachaudhary@bhel.in Ph. No. 0120-4213561	
8.	Bidder is requested to quote their best competitive prices. "BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com). The bidders have to necessarily submit online sealed bid less than or equal to their price bid already submitted to BHEL along with the offer (Through e-procurement). The price bid (Through e-procurement) of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & price through e-procurement) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates. If it is found that L1 bidder has quoted higher in online sealed bid in comparison to price bid (Through e-procurement) for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)." Link for RA guidelines to be followed as: http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf		
9.	Bidders who fulfil TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT CRITERIA are eligible to participate in this tender.		



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Bidders are requested to provide the details as per "TECHNICAL AND FINANCIAL PRE-QUALIFYING REQUIREMENTS". Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements	
10. Foreign and indigenous bidders participating in subject tender will necessarily have to buy class III DSCs (Digital Signature Certificate) issued by the certifying authorities in India. Basic procedure /checklist are uploaded on www.bhel.com for participating in tender enquires through e procurement.	
11. Important Details for Foreign Bidder- • Bill of Lading shall be considered as equivalent document (refer clause 9.7.1 b) for recognition of despatch. • For claiming payment under clause 9.1.1, 9.2.1 and 9.3.1 Bill of lading shall be considered instead of receipted LR (refer clause 9.7.2 b) • Freight is to be quoted as inclusive in basic price by vendor and is not to be asked separately. • There will be no change in MRC payment.	
12. Prices shall be Firm till completion of contract PVC Formula, If applicable :- NA	
13. CIF Content is available for this package and vendor are requested to quote CIF in attached annexure	CIF Value: TO be provided later
14. Bidder to note for compliance that this is conditional enquiry and the price bid (Part-II) opening /Reverse Auction is subject to the following: - a) Techno-commercial qualification / recommendation of bidder by the BHEL-PEM. b) Approval of bidder by End Customer. Same shall be taken up with end customer based on the latest credentials/reference list (Preferably not older than 5 years) furnished by bidder. Accordingly, bidders are requested to submit the following as per enclosed format for credentials on or before technical bid Part-1 opening. The bidders who are not registered with BHEL-PEM may apply for registration in BHEL-PEM through Registration Portal available at www.bhelpem.com-->vendor section-->online supplier registration. All credentials and/or documents duly signed & stamped related to registration has to be uploaded on the website & submit the application for registration. One set of hard copy filled-up SRF downloaded from Online Registration Portal duly signed & stamped has to be submitted. The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice."	
15. IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL. The IP as enclosed as per Annexure-IX of GCC Rev-06 with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification. Details of IEM for this tender is furnished below:	



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Name: Shri D.R.S Chaudhary, IAS (Retd.). Address: Flat No. L-202 & L-203 (1st Floor), Ansal Lake View Enclave, Shamla Hills Bhopal- 462 013 (M.P.) Email: dilip.chaudhary@icloud.com “No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department”. For all clarifications/ issues related to the tender, please contact as per NIT.	
16.	BGs should be in favour of BHEL-PSWR in place of PEM. L1 Vendor will be required to submit BGs for complete tender value to executing agency BHEL-PSWR. Refer enclosed Annexure B to NIT for BG Submission instead of format mentioned in GCC Rev 06.
17.	In case of joint bidding Bidders to furnish scope matrix which should be clearly defined between foreign bidder and their Indian representative along with the offer for the complete scope.
18.	Bidders to note that offers shall be submitted strictly in accordance with the requirements of the all the enclosed Tender Documents. Post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become the part of the Order/Contract after its finalisation.
19.	Total erection & commissioning charges including GST should be minimum 20% of the total quoted package (excluding mandatory spares but including all taxes & freight), falling which the break-up of price shall be adjusted accordingly for ordering.
20.	Risk & cost- Additional Overhead Charges shall be 5% instead of 30% as mentioned in Clause No 26.2. of GCC Rev 06.
21.	In the event of any contradiction in the terms and conditions mentioned, the order of precedence shall be N.I.T. covering letter (including Tech Spec) followed by SCC and followed by GCC terms & Corrigendum to GCC Rev-06.
22.	CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage as per agreed HSN/SAC Code.
23.	Over all (%) quantity variation: The variation on overall package value due to changes in the scope shall be limited to +/-10% in place of 30% mentioned in clause no 6.0 of GCC-REV-06
24.	Construction Power: - BHEL will provide the single point power source to all working agencies from where they have to extend it up to their work areas. Agency has to also make the Suitable metering arrangement along with associated Instrument transformers and Metering Cubicles for the measurement of actual energy consumed by him. The charges only for the actual energy consumed shall be recovered from the agency based on prevalent rates. Agency has to arrange also the capacitor banks (if required). Construction Water: - Construction water will be made available at one point on chargeable basis and agency has to extend the water supply up-to their working areas. Storage Space: Storage space shall be made available to the agencies free of cost on the basis of space availability from customer end.
25.	All the tender documents, amendments & agreements till placement of order shall automatically.
26.	Bidders must visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation etc. before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions. No additional claim shall be entertained by BHEL in future, on account of non-acquaintance of above.
27.	Following chapter in SCC about INSURANCE



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Deductibles/ EXCESS : Following Deductibles/ EXCESS may be considered as per the existing Comprehensive Project Mega Policy (CPIM) contract finalised by our Corporate Insurance Cell (CIC).

A) For Marine Cover: 0.25% of consignment value subject to minimum of Rs 20,000/-

B) For Storage /Erection and Testing Cover:

Major Items: (Boiler, Turbine, Generator & Power Transformer)

- Rs 15,00,000/- or 5% of the claim amount whichever is higher for Normal Period.
- Rs. 60, 00,000/- or 5% of the claim amount whichever is higher for Testing Period.

Other Items: (All other items including accessories/spares of Boiler, Turbine, Generator & Power Transformer)

- Rs 2,25,000/- or 5% of the claim amount whichever is higher for Normal Period.
- Rs 6,00,000/- or 5% of the claim amount whichever is higher for Testing Period.

i) Act of God (AOG) Perils: 10% of the claim amount subject to minimum of testing period excess with an upper limit of Rs 5 Crores.

Fire / Explosion Claims: Minimum as per Tariff.

28. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.bhelpem.com, www.bhel.com & <https://bhel.abcprocure.com>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated.

Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal of M/s e Procurement Technologies are also listed below:

e-procurement service Provider details:

M/s e Procurement Technologies limited, Ahmedabad

B705. Wall Street II, Opp Orient Club, Near Gujrat college, Ellis Bridge, Ahmedabad, PIN 380 006.

Please get in touch with our service provider at the earliest for required support.

The contact details of the service provider is given below:

	Name	Contact Nos.	e-mail ID	Role	Location	
	Mukunthan	+91 6353215001	Trichy.bhel@eptl.in	Support Executive	Trichy	
	Tej Singh	+91 6353215002	Bhopal.bhel@eptl.in	Support Executive	Bhopal	
	Sanjeev Kumar	+91 6353215003	Jhansi.bhel@eptl.in	Support Executive	Jhansi	
	Gaurav Panwar	+91 6353215004	Haridwar.bhel@eptl.in	Support Executive	Haridwar	



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	Mallikarjun	+91 6353215005	Bengaluru.bhel@eptl.in	Support Executive	Bangalore	
	Avinash Govu	+91 6353215007	Hyderabad.bhel@eptl.in	Support Executive	Hyderabad	
	Swapnil Hamilton	+91 7940270549	swapnil.h@eptl.in	Support Executive	HO – Ahmedabad	
	Hardik Oza	+91 7940270560	Hardik.oza@eptl.in	Support Executive	HO – Ahmedabad	
	Ankur Bhatt	+91 7940270590	ankur.bhatt@eptl.in	Support Executive	HO – Ahmedabad	
	Prashant Rajyaguru	+91 7940270545	prashant@eptl.in	Asst. Manager – Implementation & Support	HO – Ahmedabad	
	Dharam Rathod	+91 7940270596	dharam@eptl.in	Manager – Implementation & Support	HO – Ahmedabad	
	Pradip Parmar	+91 7940270532	pradip@eptl.in	Sr Mgr – Implementation & Support	HO – Ahmedabad	

Guru Das, Dy. Manager, BOP_Ordering,
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA
E-MAIL: gurudas@bhel.in
Ph. No. 9560177922

29. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -

- Offer forwarding/ covering letter
- Acceptance of GCC Rev.06 + Corrigendum to GCC Rev-06 & SCC of the project.
- Duly filled-in 'No deviation certificate' as per prescribed format in GCC Rev-06.
 - Important points- In case of any deviation, the same should be submitted separately for technical & commercial parts, indicating respective clauses of tender against which deviation is taken by bidder.
 - It shall be specifically noted that deviation recorded elsewhere shall not be entertained.
- Pre-qualifying Requirements (PQRs) along with supporting documents
 - FINANCIAL PQR
 - TECHNICAL PQR
- A copy of this letter duly signed & stamped on each page as token of acceptance of all terms & instructions conveyed.
- Un-Priced price schedule (format) duly filled in 'Quoted' or 'Q' in each column/row.
- Priced Copy- BOQ-cum-price schedule.
- Documents required for approval from end customer (As per attached format)



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Note - In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date

Thanking You.

Yours faithfully,
For and on behalf of BHEL

Guru Das
Dy. Manager /BOP_Ordering
BHEL –PEM

Enclosures:

- i. Enquiry Letter along with Terms & Conditions (this letter)
- ii. Technical Specification
- iii. Technical & Financial PQR
- iv. General Points of PQR
- v. Price format/schedule (Prices should be quoted strictly in this format only) + DEVIATION SHEET (COST OF WITHDRAWAL) Annexure-II of GCC Rev-06.
- vi. SCC of Project.
- vii. HSE Guidelines.
- viii. Integrity Pact (Annexure-IX of GCC Rev-06)
- ix. Annexure-B -BG Format
- x. Credentials Format

Amendment No. 3 to Bid Data Sheets (BDS), Section –III

Sl. No.	Ref. Clause	Existing Provisions	Amended provisions
6.	Section-III, BDS Page 46 of 65	---	Add the following as new Sl. No. 7.0A before Sl. No. 7.0 under Item No. 9.1 of BDS: 7.0A Delivery Schedule of Mandatory Spares: a) <u>Category I Items</u> - 50 % Items to be supplied one month before scheduled Synchronization of the 1st Unit and Balance one month before scheduled Synchronization of the last Unit b) <u>Category II Items</u> -25% of each items to be supplied one month before scheduled Synchronization of U#1 and U#2 respectively and balance 50 % to be supplied one month before scheduled Synchronization of U#3. Category I & Category II Items shall be as enclosed at Annexure-I to this Amendment.

ANNEXURE-II

MADATORY SPARES

Sl.No.	Item Description	Qty	Unit	
MECHANICAL SYSTEM (A+B)				
A	Pneumatic Conveying System		LOT	CAT-I / II
1	Rupture Disc	5	Nos.	II
2	Metallic Expansion Bellow	5	Nos.	II
3	Torque Arm	5	Nos.	II
4	Striker Arm	5	Nos.	II
5	ACI Bends 45 Deg	10	Nos.	II
6	Bag Filter	10	Nos.	II
7	Rubber Hoses 1/2" NPT	25	Nos.	II
8	50 NB Poppet Valve	5	Nos.	II
B	Compressor-Reciprocating Compressor		LOT	
HP Cylinders				
1	Small end bearing	2	Sets	I
2	Big end bearing	2	Sets	I
3	Piston ring(including all rings over piston)	4	Sets	II
4	Oil wiper ring	2	Sets	I
5	Suction Valve	2	Sets	I
6	Discharge valve	2	Sets	I
7	Packing set	2	Sets	I
LP Cylinders				
8	Small end bearing	2	Sets	I
9	Big end bearing	2	Sets	I
10	Piston ring(including all rings over piston)	4	Sets	II
11	Oil wiper ring	2	Sets	I
12	Suction Valve	2	Sets	I
13	Discharge valve	2	Sets	I
14	Packing set	2	Sets	I
Cross Head				
15	Throw away guide	1	No.	I
16	Crank shaft	1	No.	I
17	Main bearings	2	Sets	I
18	Piston LP	1	No.	I
19	Piston HP	1	No.	I
20	Connection rod	1 No.		I
21	Packing set	2	Sets	I
22	Sealing ring HP	2	Sets	I
23	Sealing ring LP	2	Sets	I
24	Spring decompressor	2	Sets	I
25	O' ring piston	2	Sets	I
26	Ring copper	2	Sets	I
27	Valve plate	4	Sets	II
28	Cushion plate	2	Sets	I
29	Spring plate	2	Sets	I
30	Tyre coupling	2	sets	I

CLAUSE NO.	LIST OF MANDATORY SPARES FOR MILL REJECT				एनटीपीसी NTPC
	Valves				
32	Check valve flap or Disc	1	Set	I	
33	Control Valve disc with internal assembly	1	Set	I	
34	Control Valve Gasket	2	Sets	I	
35	Control Valve Gland Packing	2	Sets	I	
36	Gate,globe,shuttle check valve	1 No. of each type		I	
37	Gasket & Seals of inter cooler	1	Set	I	
38	Gasket & Seals of after cooler	2	Sets	I	
	Oil Pump/Motor				
39	Oil Pump Complete assembly	1	Set	I	
40	Pump Impeller/Rotor with Shaft	1	Set	I	
41	Set of Bearingd	1	Set	I	
42	Set of Seals	1	Set	I	
	Shaft Driven Oil Pump				
43	Drive Gear with shaft	1	No.	I	
44	Driven gear with shaft	1	No.	I	
45	Driven Pump element	1	Set	I	
46	Oil Cooler Gasket & Seals	1	Set	I	
47	Moister Pump Element	2	Sets	I	
48	Oil filter with regulating valve assly.	1	Set	I	
C	C&I Mandatory spares		LOT		
I	C&I Mandatory spares		LOT		
1	Level Probe RF type(For Pyrite Hopper)	2	No.	I	
2	Level Probe RF type(For Bunker)	1	No.	I	
3	Pressure Switch(field)	3	No.	II	
4	Temperature Switch	2	No.	II	
5	Pressure Switch	2 nos of each type	No.	I	
6	Air filter cum regulator cum lubricator	2	No.	I	
II	Instrumentation Cables, Internal Wiring & Electrical Field				
1	Pre-fabrication cable of each type	10% of installed quantity		II	
2	Pre-fabricated cable connector of each type	10% or 1 no. each type and model,		II	
3	Other cables	5% of each type, pair and size of actual		II	
III	Microprocessor based/PLC based Control/Electronic based Control Panel (if applicable)				
1	Fully programmed controller & electronic modules of each type (as applicable)	10% or 1 No., whichever is more		II	
2	Power supply modules (if applicable)	10% or 1 No., whichever is		II	
IV	SOLENOID VALVES				
1	SOLENOID VALVES	10% or 2 nos. of each type and		II	
V	Power cylinders				
	Complete power cylinder assembly	10% or 1 no. each type and model,		II	
VI	Limit switch	10% or 1 no. each type and model,		II	