

Mandatory Pre-Qualification requirements for 10 PIN PLUG SOCKET
Material Code-W96413506261 as per drawing -31350601161

Description:

The 10 pin plug socket is used in generators. It is utilized for terminating the connecting cables for control and power application. The 10 pin plug socket should be of very reliable and proven design.

- 1.0 The vendor should be a regular manufacturer/Distributor of such 10-pin plug socket with minimum following requirements -

Si No.	Parameter	Value
(i)	Socket Contact Assembly	Suitable for 10 pins plus ground
(ii)	Rated voltage and current	380V and 16A
(iii)	Temperature Range	-40°C to +125°C
(iv)	Degree of Protection	IP55
(v)	Pins suitable for	1.5 mm ² Conductor minimum
(vi)	Suitable for	Wall Mounted
(vii)	Bushing and Socket Material	Light metal die cast alloy
(viii)	HV test	3000VAC
(ix)	Pin and socket contact material	Copper alloy with contact surface hard silver plated
(x)	Plug and socket insert	Plastic moulding material

- 2.0 In support of above serial number-1, vendor shall furnish technical details of 10 pin plug socket in below mentioned format for at least one nos (1) of the P.O. executed in past 10 years (from date of enquiry) along with P.O. copies

S. No.	Brief technical details	Application	Name & address of customer	Date of supply
1	-Socket Contact Assembly -Material of all components -Electric test, -Cable Entry -Degree of Protection			

- 3.0 Vendor to furnish acceptance certificate from the end user of 10 pin plug socket against the P.O. submitted as per clause 2. (Original Certificate or through e-mail directly from the customer).

Note: BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.

MANUFACTURER'S NAME AND ADDRESS			QUALITY PLAN				TO BE FILLED BY BHEL		TO BE FILLED BY BHEL			
BHEL	VENDOR'S NAME	ITEM			QP NO.							
					REV							
		DRG. NO.	AS PER PO									
		SPEC.	AS PER PO									
	REV			Page 1 of 1								
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY			REMARKS
1	2	3	4	5	6	7	8	9	D	10		11

Note: All page of inspection documents shall be numbered in chronology with the QAP clause , dully mentioning the corresponding QAP clause nos. at the top of each page. One index page containing the documents descriptions, their page no & QAP clause shall be attached upfront the inspection documents.

MANUFACTURER/SUBCONTRACTOR	LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL / NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER	FOR CUSTOMER USE	
			APPROVED BY