

Enquiry No. E1183265R

DTD : 16.10.2019

DUE DATE : 07.11.2019

IMPORTANT: [1] Suppliers to ensure submission of completely filled & duly signed/stamped "Annexure- A" along-with the Offer.

Sl. no	IMPORTANT INSTRUCTIONS FOR TENDERER	
	The offer shall be submitted in two-part bid viz. Part I - Technical & Commercial Offer & Part II - Price Offer. Both Part - I and Part - II should reach in a box kept in our Tender Room before 11 : 00 a.m. on due date in two separate sealed envelopes clearly marked with "Enquiry No. Dated & Due Date : Part - I Technical and Commercial Bid" on 1st envelop and "Enquiry No Dated & Due Date Part - II "Price Bid" to be marked on 2nd envelop. Both envelopes should be sealed in the 3rd envelope. The Enquiry No. Dated and Due Date are to be mentioned on this envelope also. Only part - I will be opened on the same day (i.e. tender opening day) after 2:00 pm. After scrutiny of Part -I, the price bid viz, Part - II will be scrutinized only for those offers which are meeting all our technical and commercial requirements. For scrutinizing price bid which will be opened on a particular date, which will be intimated in advance to all such venders whose offers are found technically and commercially acceptable. BHEL prefers to get quotations in sealed covers, however in case of emergency, offer may be sent at email - mmtender.bpl@bhel.in	
SNI	BHEL's Parameter	YES / DEVIATION
1	BHEL's Standard Payment Terms: - For Indigenous supply: 100% payment in 90 days of receipt (45 days for MSE including NSIC/ Udyog Aadhar registered suppliers as per relevant act in force), subject to acceptance of material at BHEL, on direct presentation of the documents. For Foreign supply: 100% payment against unconfirmed & irrevocable letter of credit (LC), payable within 90 days. Note: The LC shall be established 2 months prior to shipment date, valid for period of 90 days, unless agreed otherwise. Payment terms of CAD payable on 90 days of BL/HAWB date shall be preferred for foreign supply. [Note :In case deviation in payment terms, the loading shall be at base rate of SBI (as applicable on the date of bid opening; techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period for relaxation sought by bidders to arrive landed cost for comparison purpose.]	
2	Whether covered under MSMED (If yes, a copy of UAM certificate is required to be submitted.)	
3	Penalty Clause: "An unconditional penalty of half percent of the price of the goods in arrears per week subject to a maximum of 10% of the order value, solely at BHEL's discretion". [Note: In case of non-acceptance of penalty clause, loading shall be to the extent to which it is not agreed to by the bidder (at offered value subject to maximum of 10% of the total order value) for comparison purpose.]	
4	Type of GST applicable - IGST / CGST_SGST	
5	HSN code of item.	
6	Delivery Schedule: In quote nos. of weeks from the date of P.O.	
7	Offer Validity: 90 days from the date of Tender opening.	
8	Prices : 'Firm Price'	
9	Packing & forwarding charges: To be quoted in % of basic price (if any)	
10	Delivery terms for indigenous supply : F.O.R Destination (All freight & Insurance charges shall be borne by Supplier)	
11	Delivery terms for Foreign supply : CIF Mumbai Port	
12	In addition to above, BHEL Bhopal's General terms & conditions BP 200102, MM5527, MM5533 are applicable. Bidder may obtain from us these terms& conditions. Same can be downloaded/seen from https://bpl.bhel.com/mm/	
13	Contact Person & details	

(VENDOR'S SIGN & STAMP)

Krishna
 [KRISHNA KUMAR MALL]
 Dy. MGR [MEX]

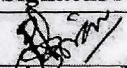
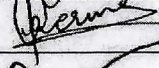
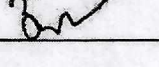
 BHEL BHOPAL	TECHNICAL PRE-QUALIFICATION REQUIREMENT (T-PQR)	DOC. NO. : HGG-1906 DATE: 22-09-2019 REV NO : 00 PAGE 1 OF 1
	HYDRO GENERATOR ENGINEERING DIVISION	

Technical Pre-Qualification Requirement (TPQR)
for Oil Level Switch Box Assembly
for hydro generators / motors.

SL. NO.	DESCRIPTION OF TPQR	VENDOR RESPONSE	
		COMPLIANCE (YES / NO)	SUPPORTING DOCUMENTS REQUIRED TO ACCEPT COMPLIANCE
1)	Manufacturers or it's authorized representative of manufacturer qualify.		Certificate of being Original manufacturer or authorization certificate for representative to be submitted.
2)	The company should have adequate in-house manufacturing set-up for fabrication & machining as called in drawing.		Necessary confirmation to be submitted.
3)	The company should have adequate in-house testing facilities to conduct test as per quality plan. However, raw material composition testing from outside certified lab is permitted.		Necessary confirmation to be submitted.
4)	The supplier should have supply experience of supplying at least 3 P.O. in last 7 years for fabrication & machining of steel plates/items upto 32 TK.		Copy of P.O. to be submitted.

Note:

- i) Compliance to above technical pre-qualification requirements is mandatory. In absence of compliance of above requirements vendor's PQ application is liable to be rejected.
- ii) BHEL reserves the right to verify the information/confirmation furnished, by asking additional documents proofs etc.

	Name	Signature	Date
Prepared By	B.P.Swain		22-09-19
Checked By	P.K.Verma		22-09-19
Approved By	A.Dixit		22-09-19



QUALITY ASSURANCE DEPARTMENT

SHEET 1 of 1

QA PLAN FOR: Oil level switch & box assembly.

REVISION: 00

QA PLAN NO: QA/HG/563

DATE: 20/06/2019

SL. NO.	COMPONENT/ASSY/ OPERATION	CHARACTERISTICS	CLASS	TYPE	QUANTUM OF CHECK	REF. DOC.	RECORD FORMAT	AGENCY			REMARKS
								P	W	R	
1.0	Raw Material	A) Raw material composition	Major	TC Review	100%	As per Specification	TC	2	2	1	
2.0	Internal Test & inspection	A) Visual	Major	Visual	100%	As per drawing	TEST REPORT	2	2	1	
		B) Dimensional Check	Major	Mechanical	100%	As per drawing	TEST REPORT	2	2	1	
		C) Gravity Test	Major	Mechanical	100%	As per drawing	TEST REPORT	2	2	1	
3.0	Final Inspection	A) Visual	Major	Visual	5% of each P.O.or min. 01 no.	As per drawing	JIR	2	1	1	
		B) Dimensional Check	Major	Mechanical		As per drawing	JIR	2	1	1	
		C) Gravity Test	Major	Mechanical		As per drawing	JIR	2	1	1	
		D) Painting	Major	Mechanical		As per drawing	JIR	2	1	1	

Abbreviations : P : Perform, W: Witness, R: Review, 2 : Supplier, 1 : BHEL/THIRD PARTY, JIR : Joint Inspection Report

HGE

QH
नरेन्द्र अग्रवाल / Narendra Agrawal
वरि. अभियंता / Sr. Engineer
क्यू.ई.एम. विभाग / Q.E.M. Division
बी.एच.ई.एल., भोपाल / BHEL, BHOPAL

आधर शर्मा / ADHAR SHARMA
वरि. अभियंता (क्यू.ई.एम. विभाग) / Sr. Engineer (QWT)
गुणता नियंत्रण-जल दरवाजा / Quality Control-WTM
बी.एच.ई.एल., भोपाल / BHEL, BHOPAL

ת.א. 2201/15

ALL DIMENSIONS ARE IN mm

2

3

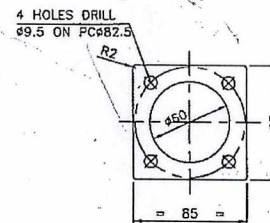
1

—

1

1

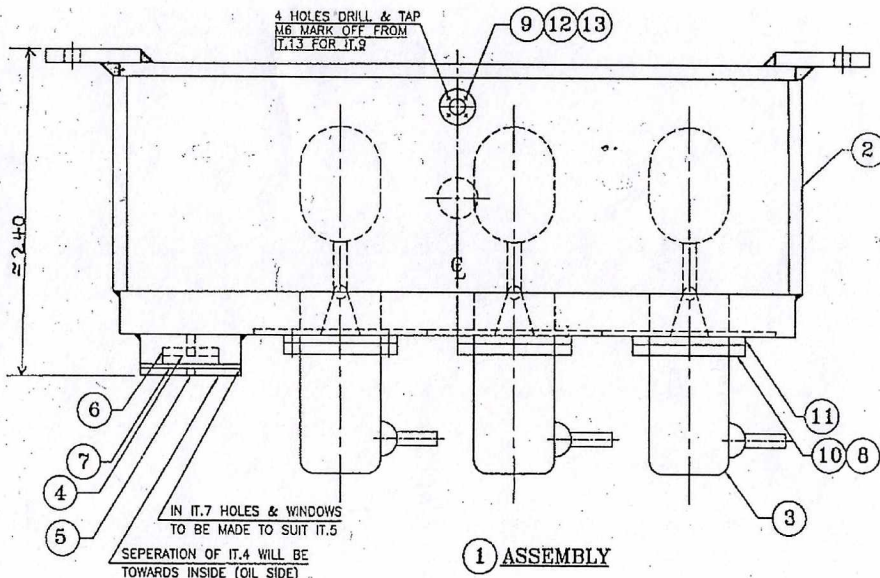
S



IN IT-14:- 4 HOLES ϕ 6.5 ONLY.
AND
IN IT-13:- 4 HOLES DRILL ϕ 6.5 & C'SK ϕ 12
x90° EQUALLY SPACED ON PC ϕ 22.

WINDOW IN ITS.6
(25 WIDE x 100 LG.)

4 HOLES DRILL. & TA
M6 MARK OFF FROM
IT.13 FOR IT.9



① ASSEMBLY

1. ITEM-2 TO BE OIL TESTED FOR 24 HOURS AT SUPPLIERS WORKS.
SUITABLE BLANKING FLANGES ARE TO BE ARRANGED FOR TESTING.
2. GAUGE GLASS ITEM-4 SHALL BE TOUGHENED ARMOUR PLATE QUALITY.

001			015	OIL LEVEL SWITCH BOX	225903 01012	001				65-77											
001	BS:2752		014	GASKET O.BTK.			AA59803	NA	NO												
001	IS:2062-1992 GRA (Fe 410 WA)		013	COVER PLATE STK.				NA	NO	0.04											
001			012	FINE WIRE MESH BRASS WIRE #0.1 APPX.				NA	NO	0.01											
003	BS:2752		011	GASKET 1.6TKx85x85 CHLOROPRENE RUBBER SHEET			AA59803	NA	NO	0.020											
012	IS:3063(1994) TABLE I TYPE B		010	WASHER SPRING LOCK SCB-B-9T				NA	NO	0.01											
013	IS:1365-1978 IS:1367(II)-1979		009	SCRU SLT. C'SK AM6x20 4-8				NA	NO	0.004											
012	IS:1367 (III)		008	SCRU HEX. AM8x25-B.8				NA	NO	0.02											
001	BS:2752-1990		007	GASKET 3TK.x75x180 CHLOROPRENE RUBBER SHEET			AA59803	NA	NO	0.045											
001	BS:2752-1990		006	BOTTOM PLATE 32TK.x158x495 S.S.S.D PLATE.			AA59803	NA	NO	0.03											
001	IS:410-1977 GR.CU.Zn37(HD)		005	TOP PLATE FOR OIL GUAGE 5TK.x75x180 BRASS SHEET.			BP12193	NA	NO	0.60											
001	SEE T.R-2		004	GUAGE GLASS 6TK.x42x148.				NA	NO	0.15											
003	BP904300540		003	LEVEL ALARM SWITCH				NA	NO	2.40											
001	BP904300540		01	002 OIL LEVEL SWITCH BOX 455Y.				NA	NO	67.1											
			00	001 OIL LEVEL SWITCH AND BOX ASSEMBLY				NA	NO	74.3											
59	64	65	75	78	83	87	89	59	64		37	39	39	34	MATL. CODE	43	45	38	UNIT WT.	63	78
VAR.00		REMARKS	VAR. NO.	ITEM NO.		DESCRIPTION	STD	DRAWING NO.	IT. NO.		35	35	33	46	MATL. SPCN.	54	54	68	QTY.	71	76

28 —→ CARD TYPE-3

2B ——— CARD TYPE —

28. ~~NAME~~ CARD TYPE-

ADDITIONAL INFORMATION		उपकरण का प्रकार या उपकरण/उपयोगिता का नाम		STANDARD DRAWING													
STATUS OF DRAWING		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		REVISIONS TO BE APPROVED BY STANDARD GROUP													
DISTRIBUTION OF PRINTS HGE - 2 PLM - 4 HGE(EM)-1		 महत् हेवी इलेक्ट्रिकल्स लिमिटेड गोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL.		<table><thead><tr><th>क्रम/NAME</th><th>हस्ता/SIGN.</th><th>दिनांक/DATE</th><th>हस्ता/NO.</th></tr></thead><tbody><tr><td>K.V. NAME</td><td>अभिषेक</td><td>30.05.05</td><td>अभिषेक</td></tr><tr><td>JKB</td><td>अभिषेक</td><td>30.05.05</td><td>अभिषेक</td></tr></tbody></table>		क्रम/NAME	हस्ता/SIGN.	दिनांक/DATE	हस्ता/NO.	K.V. NAME	अभिषेक	30.05.05	अभिषेक	JKB	अभिषेक	30.05.05	अभिषेक
क्रम/NAME	हस्ता/SIGN.	दिनांक/DATE	हस्ता/NO.														
K.V. NAME	अभिषेक	30.05.05	अभिषेक														
JKB	अभिषेक	30.05.05	अभिषेक														
REV.	DATE	APPROVED BY	महत् हेवी इलेक्ट्रिकल्स लिमिटेड गोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL.	उपकरण SCALE	महत् हेवी इलेक्ट्रिकल्स लिमिटेड गोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL.												
01	24-08-05	APPROVED BY	UHTOL. DMS.GR. 32500001404	NTS	72.0												
DRG. REVISED, UPDATED & STYLE NO. ADDED.		OIL LEVEL SWITCH AND ASSY		DRAWING NO. 2 259 03 01013													

CADZONE Y A2: 512