

**Bharat Heavy Electricals Limited**

(High Pressure Boiler Plant) Tiruchirappalli – 620014

WORKS CONTRACTS MANAGEMENT


An ISO 9001 Company.

<b>ENQUIRY – Corrigendum-II</b> <b>Dt : 09.08.2018</b>	Phone: +91 4312571913 / 5242 Email : philip@bhel.in, satyaprakash@bhel.in Web : www.bhel.com
<b>NIT Ref No:</b>	NIT_40032
<b>E Procure No:</b>	2018_BHEL_344245_1
<b>Enquiry Number:</b>	WCF/90318 00016
<b>Enquiry Date:</b>	25.07.2018
<b>Due date for submission of quotation :</b>	18.08.2018

**Description: "WORKS CONTRACT FOR REPAIR AND SERVICING OF ROLLING SHUTTERS IN HPBP FACTORY AREA INCLUDING UNIT-II AND SSTP AREA AT BHEL-TRICHY FOR 2018-19."**

**Bill of Quantity (approximate) and SCOPE OF WORK**

Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
1	One time effective servicing, attending minor repairs during the servicing, greasing for all type of rolling shutters (both pull and push and gear type) for all sizes etc., complete as per the specifications and instructions of the Engineer-in-charge. The quoted rate is for the repairs, all adjustments, bolt nut tightening including removing shutters, brackets and other accessories if necessary, re-fixing the shutter in position and all other incidental charges, tools and plants, cost of grease scaffolding charges ,etc., complete (Scaffolding materials shall be arranged by the contractor at his own cost).	SQM	1450	81.69%	76.44%
Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
2	Supplying and replacing the following worn out / damaged spares wherever required as per the instruction of engineer-in-charge. The quoted rate shall include cost of spares, bolts, nuts, washers, scaffolding charges welding charges, labour charges all other incidental charges etc., complete.				
2a	M.S. Bottom Rails 12 G	RM	7	0.39%	0.26%
2b	M.S. Built up Bottom rails	RM	2	0.11%	0.07%
2c	M. S. SHAFT Cage reconstruction	RM	6	0.34%	0.23%
2d	M.S Top cover for pull & push type 18G	RM	2	0.11%	0.18%
2e	M.S Top cover for pull & push type 18 G	RM	2	0.11%	0.17%
2f	Coiled springs for pull & push type 18 G	NO	3	0.17%	0.19%
2g	M. S. Laths 18 G	RM	30	1.69%	0.76%
2h	Coiled springs for GEAR TYPE - ISWG 60 To 65 rounds 4.5" dia	NO	15	0.85%	3.82%
2i	Coiled springs for GEAR TYPE - ISWG 65 To 70 rounds 4.5" dia	NO	25	1.41%	7.13%
2j	M. S. Worm with pedestal - for GEAR TYPE	NO	4	0.23%	0.51%
2k	C. I. Gear Wheel 9" to 12" - for GEAR TYPE	NO	2	0.11%	0.38%
2l	C. I. Bevel Wheels - for GEAR TYPE	NO	2	0.11%	0.51%
2m	End Clips - for GEAR TYPE	NO	13	0.73%	0.07%
2n	Locking stopper without welding cleat	NO	2	0.11%	0.16%
2o	Welding of locking cleat	NO	6	0.34%	0.29%
2p	M.S. handles with bolts	NO	12	0.68%	0.66%
2q	M.S. Pulleys 9" to 12"	NO	2	0.11%	0.08%
2r	M.S. Rings 9" to 12"	NO	2	0.11%	0.08%
2s	M.S. Gear box with bevel wheels	NO	4	0.23%	2.03%
2t	32mm x 75mm x 3.25mm tk. guide channel with fixing cleat	RM	12	0.68%	0.62%
2u	Providing and fixing of ball bearings for rolling shutters	NO	8	0.45%	0.56%
2v	Supply & fixing mechanical device chain and crank operation for operating rolling shutters. Exceeding 10.00 sqm up to 16.80 sqm in area	SQM	3	0.17%	0.11%
2w	Supply & fixing mechanical device chain and crank operation for operating rolling shutters. Exceeding 16.80 sqm in area	SQM	3	0.17%	0.17%

Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
3	Dismantling of rolling shutter at various heights including stacking the materials safely at the specified places as directed by the Engineer - in-charge. Rate includes cost of all labour, scaffolding and other incidental charges etc., complete.	SQM	25	1.41%	1.80%
Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
4	Supplying and replacing the following damaged/ wornout spares wherever necessary to suit the existing door as per the instruction of Engineer in-charge.. The offered rate includes cost of spares, bolts, nuts, washers, Tools and Plants all labour charges and all other incidental charges etc., complete.				
4a	Top pivot for aluminium door	NO	2	0.11%	0.10%
4b	Bottom pivot for aluminium door	NO	2	0.11%	0.12%
4c	Mortice lock brass body 4 lever (Ekri/Victory brand or equivalent)	NO	2	0.11%	0.17%
4d	Heavy duty double action floor spring (ISI marked)	NO	2	0.11%	0.44%
4e	EPDM Gasket gasket/rubber beading D/O/U type . Payment will be made for the actual length of gasket supplied & fixed.	RM	50	2.82%	0.20%
Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
5	Conveying from BHEL stores to site of work and fixing rolling shutters in proper position, all as directed by the Engineer-in-charge. Rate includes loading, leading, unloading and fixing of roller shutter including side brackets, gear box, lubricating the bearings etc., complete and making it fit for operation. Labour charges only.	SQM	25	1.41%	0.81%
Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
6	Supply and fixing D type Anodised Aluminium handle - 125 mm , furniture fittings of approved brand and quality (ISI marked) in the appropriate position of doors, windows, ventilators, cupboards etc. with appropriate screws, nails etc., all as per standard specifications and instructions of Engineer in charge.	NO	10	0.56%	0.04%
Sl. No.	Description	UOM	Quantity	% allocated	Revised % allocated
7	Servicing / overhauling, oiling, cleaning of aluminium door / window shutter of any size for smooth operation as per instructions of Engineer-in-charge. Rate includes cost of tool and labour (Excluding cost of spares which will be paid separately) and other incidental charges etc. complete.	SQM	40	2.25%	0.84%
					100.00%
<b>All other terms and conditions remain unaltered.</b>					
Tender should reach us before <b>10:00 hours</b> on the due date. Tender will be Opened at 10:30 hours on the due date. Tender may be opened in the presence of the Tenderers who have submitted their offers and who may willing to be present.		Yours Faithfully, For BHARAT HEAVY ELECTRICALS LIMITED  DY. MANAGER / WCM. BHEL, TRICHY-14			