

**TENDER SPECIFICATION
BHEL: PSSR: SCT: 2204**

FOR

**Civil Repair works at BHEL Integrated Office Complex
at Pallikaranai, Chennai**

VOLUME –II

PRICE BID

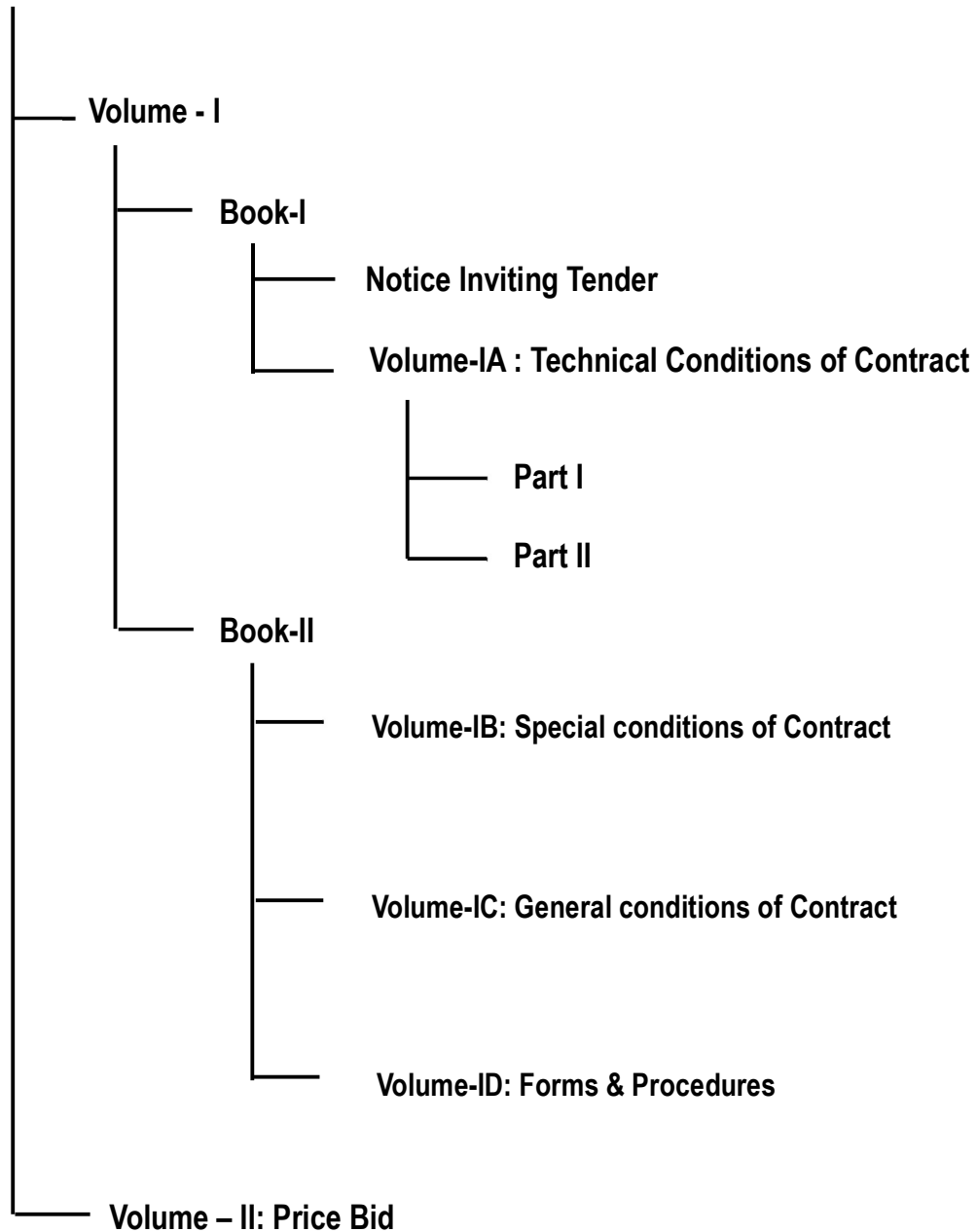


BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)

Power Sector – Southern Region
BHEL Integrated Office Complex, TNEB Road
Pallikaranai, Chennai - 600100

TENDER SPECIFICATION CONSISTS OF

Tender Specification



NOTICE INVITING TENDER

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NOTICE INVITING TENDER

PART A

Instruction to Bidders:

1. The quantity indicated in the BOQ / Price bid (Part C) is approximate only and is liable for variation. Payment will be as per actual quantity executed as certified by BHEL Engineer.
2. Tenderers are requested to affix their company seal and authorized signature in all pages.
3. Bidders shall quote 'Total Amount' in the format enclosed as a separate Excel File in BHEL NIC e-Procurement portal for the subject tender and upload the same under 'Packet details - > Tender covers -> Finance '(Cover Type Description – Price Bid)'' and same shall be taken into account for evaluation and awarding and hence, shall be complete in all respect for the full scope of work defined in specification and in accordance with terms & conditions of the tender. Any other entry elsewhere in the price bid shall be treated as Null and Void. Quoting of rates in any other form/ formats will not be entertained.
4. The above mentioned 'Total amount' is for the entire Bill of Quantity (BOQ) given in Part -C of the Price Bid. Total amount shall be excluding taxes.
5. BHEL has pre-fixed the weightages for the amount of individual items of Bill of Quantity with respect to the 'Total Amount' in Part-C.
6. Based on the pre-fixed weightages, the amount for the individual items of the Bill of Quantity shall be arrived at. This amount shall be rounded off to the nearest rupee.
7. Based on the quantities of individual item and the amount arrived in SI No: 6 above, unit rate of individual items shall be derived. This unit rate shall be rounded off to four decimal places.
8. Bidders to note that this is an item rate contract. Payment shall be made for the actual quantities of work executed at the unit rate arrived at as per SI No.7 above.

Part C : Bill of Quantities

**Tender Specification for Civil Repair works at BHEL Integrated Office Complex at Pallikaranai, Chennai
at Integrated Office Complex of BHEL at Pallikaranai, Chennai - 600100**

Ref.No.	Description	Unit of Measurement	Qty.	Weightage for amount of each item (Nearest to the 7 decimal points) w.r.t the total amount
--	All the Civil Repair and painting and Water proofing works to be executed as per the relevant IS codes and as per the manufacturers guideline and as per the instruction of engineer in charge.	--		
1.0	External steel staircase painting work: Steel Staircase rusted paint removed. Cleaning and removing dust, loose particles. Mechanical means such as wire brushing can be used. Apply one coat primer and apply 2 coats of MRF Epoxy metal paint.	sqft	6,300	.4719009
2.0	Repair works at Toilet Area: Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles. Saw cut joints and cracks should be cleaned out and be free of all loose debris and dust. Tile joints should be developed by machine. Gully line check and pack with epoxy. Add one part Base and Hardener and one part of tile grout filler by volume. Mix to get a uniform, smooth paste. Mix thoroughly for approximately 2 minutes until a uniform consistency is obtained. Fill and tool the mixed material firmly in the joint using spatula. All tile joints area and corner fill the Epoxy paste. Remove excess material on the tile edge with a wet cloth or damp sponge. Setting time 6hours. Allow it air cure 1 day.	sqft	3,600	.146255

Part C : Bill of Quantities

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Ref.No.	Description	Unit of Measurement	Qty.	Weightage for amount of each item (Nearest to the 7 decimal points) w.r.t the total amount
3.0	Lawn area at 7th floor and Roof Water Tank Repir works: The RCC slab/ wall and other similar damaged surfaces should be cleaned of all foreign materials such as loose mortar, concrete, local humps, bare metal pipes and other unwanted material. The surface to be treated shall be hacked to remove loose mortar scaling and roughen. The surface should then be rubbed vigorously to remove all dust with the help of wire brush / broom. Apply one coat DR. FIXIT SUPER LATEX polymer bonding agent cum cement mortar coating. Providing supplying mixing applying 2 coats of ready to use two component high performances. Elastomeric cementations water proofing DR. FIXIT FASTFLEX 1mm over the prepared surface of operation above including finishing, curing etc., all complete as per manufacturerâ€™s specifications and as directed. Plaster the 20mm thick to the floor and wall in cement mortar 1:4 including and mixing DR. FIXIT LW + 200ml per bag of cement. The surface air dried for 24 hrs and ponded and checked for leakages.	sqft	2,100	.1510794
4.0	Re Painting of North side Wall The surface cleaning dust removed all cark cutting re feeling Dr. FIXIT carek X powder. Apply one coat of coat Dr. FIXIT Rain coat WPC base and apply second coat of Dr. FIXIT Rain coat classic acrylic waterproof coating	sqft	5,000	.1354213
5.0	Re painting internal wall area toilet back side wall The surface cleaning dust removed and apply two coat of Dr. FIXIT Dampguard coat and touch up Patti apply two coat Pidilite HAISHA PAINT finishing(waterproofing coating and painting work)	sqft	1,000	.0330089
6.0	Terrace tiles grouting work All loose port removed and re filled Dr. FIXIT tile grouting filling floor terrace area	sqft	3,700	.0469743
7.0	Removing the exisitng damaged paver blocks, realignment/ repair the damaged portion and relay the new similar paver block including supply of the similar paverblocks of exisitng pattern as per the instruction of engineer incharge.	sqm	20	.0153602

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Ref.No.	Description	Unit of Measurement	Qty.	Weightage for amount of each item (Nearest to the 7 decimal points) w.r.t the total amount
TOTAL Weightage				1.0