

TENDER

TENDER NOTIFICATION NO. - FCX/19201016

FOR

Painting of internal walls and ceilings of annexes/offices/buildings and other structures inside factory area.

PRICE BID



FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
BHOPAL – 462 022 (M.P)

PREAMBLE OF PRICE BID

1.0 This Price Bid consists of Three Schedule:

1.1 Schedule A

Schedule A consists of Two Annexure:

Total price of the package combining Annexure I & Annexure II to be quoted by the bidders which shall form the basis for comparison for deciding lowest bid. For further processing and award, total quoted amount by the L1 (lowest) bidder for the package shall be used for deriving individual item rate by BHEL based on % (percentage) weightage specified at Annexure I & Annexure II of Price Schedule.

1.2 Schedule B

It consists of details of free issue materials by BHEL.

1.3 Schedule C

It consists of details of tools & tackles provided by BHEL either on higher basis or on free of cost basis which are mentioned in price bid.

2.0 The work to be carried out under the contract shall, except as otherwise provided in tender conditions, include all labour, materials, tools, plant, equipment, and transport which may be required in preparation of and for full & entire execution and completion of the Works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on materials, carriage and cartage, carrying in return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles as laid down in Technical Specification & elsewhere in Tender Specification.

3.0 The price bid should not contain any condition. Conditional price Bids shall be summarily rejected.

4.0 The bidder should not leave any column blank in Price Schedules.

5.0 Price Quoted shall include all taxes, & duties except **GST**.

6.0 Unless otherwise specified in the items involving cement, reinforcement steel or structural steel, these items shall be issued free of cost by BHEL.

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No. :FCX/19201016

Price Schedule

Name of work : Painting of internal walls and ceilings of annexes/offices/
buildings and other structures inside factory area.

SUMMARY

	Details ANNEXURE	Total Amount (Rs.)
	Total price of the package combining of Annexure-I & Annexure-II	

Amount in words: Rs.

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Total price of the package combining of Annexure-I & Annexure-II to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.

For further processing & award total quoted Amount for the package by the L1 (lowest) bidder shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at Annexure-I & Annexure-II of Price Schedule.

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No. FCX/19201016

Price Schedule A - Annexure: I

Name of work : Painting of internal walls and ceilings of annexes/offices/ buildings and other structures inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1		Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer, of required shade and color complete as per Manufacturer's specification.			
	13.42.1	Two or more coats on new work	21547.00	sqm	23.8303
		Make of Paint: "Tractor acrylic distemper" from Asian, "Duwel Acrylic Distemper" from Akzonobel, "Bison acrylic distemper" from Berger, "Beauty Premium acrylic distemper" from Nerolac			
2	Analysis	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :			
	13.43.1	Water thinnable cement primer	603.00	sqm	0.4576
		Make of Primer: "Trucare interior wall primer WT" from Asian, "Duwel or ICI water based cement primer" from Akzonobel, "BP Cement Primer (WT)" from Berger, "Nerolac cement primer water thinnable" from Nerolac			
3	13.71	Lettering with black Japan paint of approved brand and manufacture	15000.00	per letter per cm height	0.7867
4	Analysis 13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	7215.00	sqm	15.0688
		Make of Putty: Birla Wall Care Cement Putty, JK Wall Putty, Asian Wall Putty, Sika Wall Décor Putty			
5	Analysis	Wall painting with premium acrylic emulsion paint of interior grade,having VOC(Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.			
	13.83.1	One coat	575.00	sqm	0.6661
	13.83.2	Two coats	9157.00	sqm	15.9185
		Paint shall be Akzonobel-ICI Dulux (velvet touch) / Asian Paints (Royale shine) / Berger Paint (Silk splendour) / Nerolac (24 carat impression)			
6	Analysis	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead: (Excluding the cost of cement which shall be supplied free of cost by BHEL)			
	14.1.2	With cement mortar 1 : 4 (1 cement : 4 coarse sand).	50.00	sqm	0.2402
7	Analysis	White washing with lime to give an even shade :			
	14.42.1	Old work (two or more coats)	1500.00	sqm	0.3239
8	14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	1500.00	sqm	0.2661

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No. FCX/19201016

Price Schedule A - Annexure: I

Name of work : Painting of internal walls and ceilings of annexes/offices/ buildings and other structures inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
9	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	50305.00	sqm	11.6393
10	Analysis	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade (Paint shall be provided free of cost form BHEL)			
	14.54.1	One or more coats on old work	4184.00	sqm	3.1753
11	14.58	French spirit polishing :			
	14.58.1	One or more coats on old work	500.00	sqm	1.0520
12		Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer, of required shade and color complete as per Manufacturer's specification.			
	14.63.1	One or more coats on old work	19766.00	sqm	12.4090
		Make of Paint: "Tractor acrylic distemper" from Asian, "Duwel Acrylic Distemper" from Akzonobel, "Bison acrylic distemper" from Berger, "Beauty Premium acrylic distemper" from Nerolac			
		Total :			85.8338

Note:-

- 1 All the materials are required to be brought through gate pass only and shall be deposited to the store at FCX for the advance 15 days consumption. Payment shall be made after due verification of consumption of materials through challan/ CISF gate pass entry etc. in combination with technical data sheets of the products indicating coverage etc. and certification of engineer-in-charge. Gate pass entry could be as per the standard/established practice of CISF.
- 2 The contractor shall, wherever required, scrap the entire area earmarked for application of interior paint. Scrapping shall be , duly, verified by the engineer-in-charge . Only after verification of scrapping shall the subsequent coats be applied. Each coat of putty , primer and paint shall be , duly verified by the Engr-in-charge. Only after verification of each such coat shall the subsequent coats be applied. A suitable record mutually signed by the contractor and the engr-in-charge shall be mentioned in this regard.
- 3 The choice in regard of selection of various make/manufacturer remain solely with the department. The decision of the department shall be final and binding on the contractor.
- 4 The above work is for a period of 12 months wherein no PVC (Price variation clause) is applicable. The contractor is advised to quote accordingly.
- 5 Normal repairing of potholes and minor repair work with putty are included in wall painting item and no payment shall be made seperately.
- 6 Work over wall and ceiling are to be executed and paid under same item.
- 7 Penalty Clause: A separate job card shall be issued with a definite date of commencement and completion (to be decided mutually considering magnitude of work, department's urgency and load of ongoing works in the same contract). The delay beyond completion date specified in the job card which is attributable to the contractor shall attract penalty @ 0.15% of the value of assigned work (for which job card has been issued) for each day of delay.
However, cumulative sum of all such penalties shall not exceed 10% of the original contract value.
During intermittent review, if the progress of work(s) assigned to the contractor is found unsatisfactory, the contractor would be served a written advice by the department to amend and take corrective measures to improve. If the contractor fails to amend and take corrective measures as suggested by the department even after issuance of three such advices, the department at its discretion may short close the contract with forfeiture of Security amount on awarded contract value in addition to short closure penalty of 10% of the original contract value (earlier levied penalty against delay shall be adjusted in short closure penalty.
In the event of short closure under above mentioned circumstances, the contractor shall be debarred from participation in the next tender for similar works.

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No. FCX/19201016

Price Schedule A - Annexure: II

Name of work : **Painting of internal walls and ceilings of annexes/offices/ buildings and other structures inside factory area.**

S. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Preparation of surface of cut outs of animals, birds etc. by rubbing/scrapping followed by painting the surface in a desired manner by maintaining the originality of the figure/shape of particular animal/birds/character including the cost of paint, primer and all tools & tackle as per direction of Engineer - in-charge.			
(a)	Animal cut out/bigger size bird like peacock.	30.00	Each	1.7770
(b)	Birds/character cut out.	10.00	Each	0.2962
2	Providing labour, tools, tackles etc. for cleaning of dust, dirt & cobweb etc. and painting the structural members at all heights with the approved paint and shade to the entire satisfaction of the engineer-in-charge. Paint to be supplied from BHEL stores. The operation shall be followed for all the three items			
(a)	Painting of all the columns including roof leg & bracings up to gantry girder bottom to be done with one or more coats of approved paint to give an even shade o the entire satisfaction of engineer-in-charge. (Paint supplied by BHEL free of cost) (Structural members located at height from floor level up to 21.0 metre in Block - & at height from floor level up to 17.0 m in Block-). (Actual painted surface shall be measured for the purpose of payment.)	2500.00	sqm	4.6275
	[Note: - Height mentioned above is approximate only.]			
(b)	Crane walkway/runway/girder to be painted with one or more coats of approved paint to give an even shade to the entire satisfaction of engineer-in-charge. (Paint supplied by BHEL free of cost) (Structural members located at height from 21.0 metre to 22.25 metre in Block - & at height from 17.0 m to 18.5 m in Block -). (Actual painted surface shall be measured for the purpose of payment.)	2500.00	sqm	5.2445
	[Note: - Height mentioned above is approximate only.]			
(c)	Trusses, purlin, runner to be painted with one or more coats of approved paint to give an even shade to the entire satisfaction of engineer-in-charge. (Paint supplied by BHEL free of cost) (Structural members located at height above 22.25 metre in Block - & at height above 18.5 m in Block -). (Actual painted surface shall be measured for the purpose of payment.)	1000.00	sqm	2.2212
	Total :			14.1664
	Total Annexure-I & Annexure-II			100.00

Note:-

- 1 The contractor shall bring all the required tools & plants and labourers to carry out the work.
- 2 All the Safety Rules for working at height must be followed including use of required PPEs such as safety helmets, safety belt etc.
- 3 The contractor shall engage only those workers in the work who are appropriately insured as per the statutory requirements .
All the workmen engaged must be medically fit for working at height .Certificate to this effect obtained from
- 4 a registered medical practitioner having a minimum of MBBS degree shall be submitted by the contractor to the department.
- 5 Wherever required, proper electric shut down permission shall be obtained in writing from authorised official of the user department and also ensured proper shut down before work.
- 6 Rate shall be inclusive of all taxes/duties/royalties, if applicable but excluding GST.

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No. FCX/19201016

Price Schedule B

Name of work : Painting of internal walls and ceilings of annexes/offices/ buildings and other structures inside factory area.

The following material shall be issued free of cost by bHEL

- 1 Cement
- 2 Synthetic enamel paint except item 1 of annexure II

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)

SCHEDULE ' C'

Name of work : Painting of internal walls and ceilings of annexes/offices/ buildings and other structures inside factory area.

.....Nil.....

Seal & Signature of Contractor

Dy. Manager (FCX/PLG)