



BENGAL CHEMICALS & PHARMACEUTICALS LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
6, GANESH CHUNDER AVENUE, KOLKATA- 700013

Unit	Tender reference	Date of issue	Brief Description	Due Date of Opening
City Office	BCPL/AMC/CIVIL/2014-2015/01	04/08/2014	<i>Annual Maintenance Contract of Civil and Plumbing Works</i>	20/08/2014

Signature of the Bidder/ Proprietor/ Partner/
Authorized Signatory of the Company with Seal



NOTICE INVITING TENDERS

01. Tender Reference: **BCPL/AMC/ CIVIL/ 2014-2015/01** **Date: 01.08.2014**
02. Name of the work: Annual Maintenance Contract for Civil & Plumbing Work
03. Period of contract: 1 Year
04. Estimated Cost: Rs. 10 Lakhs
05. Earnest Money Deposit: Rs. 50,000/-
06. Security Deposit: Rs. 1, 00, 000/-
07. Last Date & Time of sell of Tender: **19/08/2014 upto 4:00 PM.**
08. Last Date & Time for submission of the Tender: **20/08/2014 upto 2:00 PM.**
09. Date & Time for Tender Opening **at 3:00 PM on 20/08/2014**
10. Place of submission of completed Tender: Tender document shall be dropped at **Tender box** kept at BCPL City Office, 6, Ganesh Chunder Avenue, Kolkata- 700013
This tender document contains the following.

PART-1

COMMERCIAL BID (AMC for Civil and Plumbing Work)
(To be furnished by the Bidder)

Name of work: _____

Tender Ref: _____

A) : Information Part:

S.N	Particulars	To be filled by Bidder
1.0	Name of the Contractor	
2.0	Address (Office)	
3.0	Address (Residence)	
4.0	Telephone Number	
	Office	
	Residence	
	Mobile No.	
5.0	Email id.	
6.0	Technical Staff Details (Use separate sheet if reqd.)	Furnished/ Not Furnished
7.0	Working Staff Details (Use separate sheet if reqd.)	Furnished/ Not Furnished
8.0	Plant & Equipment details (Use separate sheet if reqd.)	Furnished/ Not Furnished

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B) : Essential Criteria for Techno-Commercial Acceptance of Bid

S.N	Particulars	To be filled by Bidder
01	Experience Certificate for successfully completed similar works during immediate last 5 years as mentioned below: <i>(Similar work means AMC works for civil /structural work)</i> One work not less than 80% of the estimated Cost/year of this NIT or Two works of not less than 50% of the estimated cost /year of this NIT or Three works of not less than 40 % of the estimated cost/year of this NIT (copy of performance report from the organization where the work is executed is to be enclosed. Submission of Work Order copy is not adequate	
02	Average Turn Over of the last three years (not less than 30% of the estimated cost/year of the NIT)	
2.1	Turn over - Previous financial year	
2.2	Turn over - 1 year before previous financial year	
2.3	Turn over- 2 years before previous financial year	
3.0	Solvency: (not less than the estimated cost/year of the NIT, Certificate from the Bank not older than one year to be furnished)	
0.4	Whether Registered with ESI / PF Authority	
4.1	If Yes, indicate PF Registration No. (Copy of last month contribution paid receipt to be enclosed)	
4.2	If Yes, indicate ESI Registration No. (Copy of last month contribution paid receipt to be enclosed)	
5.0	Execution of the work fully as per scope of work & all terms and condition of work in NIT Acceptable/ Not Acceptable	Acceptable/ Not Acceptable

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C) : Other Conditions:

01.	Is the cost of Tender document fee paid.(If the Tender document is downloaded from BCPL Website, Is the Tender document fee enclosed with the Techno Commercial Bid in the form of DD drawn in favour of("BENGAL CHEMICALS AND PHARMACEUTICALS LIMITED"))	Yes/ No
02.	Form of EMD furnished (Cheque is not acceptable)	DD/ Pay Order
03	Cash (receipt No. and Date)	
04	DD Particulars	
05	General Conditions of Contract & NIT	Acceptable/ Not Acceptable
06.	Contract period mentioned in NIT	Acceptable/ Not Acceptable
07	Payment Terms defined in NIT	Acceptable/ Not Acceptable

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INSTRUCTIONS TO TENDERERS

Name of work: Comprehensive Annual Maintenance Contract for Civil and Plumbing Work.

1. Sealed Tenders for the above noted works are hereby invited from Contractors experienced in works of similar kind and magnitude.

2. Tenders should be addressed to **ASST. GENERAL MANAGER (PERS. & ADMN.), BENGAL CHEMICALS & PHARMACEUTICALS LIMITED, CITY OFFICE, 6, GANESH CHUNDER AVENUE, KOLKATA- 700013**

The full name and address of the tenderer, name of the work and the date of opening should be indicated on the cover.

2.1 The local address of the Contractor, the name of the person to whom all the Correspondences are to be addressed should be indicated with telephone number (both office and residence), FAX /e-mail address, Mobile phone No. etc.

3. All entries in the tender documents should be in the same ink. Erasures and over writing are not permitted. The tenderer concerned with proper indication of the name, designation and address of the person signing should duly sign all cancellations and insertions.

4. Tenderers shall fill in all the required particulars in the blank spaces provided for this purpose in the tender documents and also sign each and every page of the tender document including the drawings (wherever applicable) attached there to before submitting tender.

5. Unit rates should be quoted in figures as well as in words in Indian Currency only i.e. Rupees and Paise with reference to each item and for all the items shown in the attached schedule. The rates shall include all taxes and duties payable on account of Service Tax, Sales Tax etc., and also expenses towards PF and ESI contributions (see Annexure 'C'). The Tenderers shall fill amount of each item and the total on each sheet as also the grand total amount of the whole contract.

6. In case the rate quoted in figures differs from those quoted in words, the lower of the rates will be taken as the tendered rate and shall be binding on the Tenderers.

7. In quoting their rates, the Tenderers are advised to take into account all factors including any fluctuations in market rates. No claim for enhanced rates will be entertained on this account after acceptance of the tender or during the currency of the contract.

8. The rates to be quoted by the tenderer shall be firm and shall cover and include all statutory levies arising from Acts, passed by Parliament or by State legislature and rules framed there under. The rates shall further be deemed to include statutory levies arising from such Acts, Central or State, which may come into force, subsequent to submission of tenders. The tenderer shall note that no claim for enhancement of rates, on the ground that existing statutory levies have been increased, or that new statutory levies

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have come into effect after tender, or on any other ground, will be entertained on any account.

9. (a) The rates quoted in the tender shall remain valid for the period of AMC. No price escalation will be entertained

(b) **Tenderer shall not increase their quoted rates, once the tenderer has submitted his quotation and during execution of the contract in case his tender is accepted.**

10. Before tendering, the Tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of materials and labour. They should be well versed with BCPL General Conditions of Contract, Instructions to Tenderers, drawing wherever applicable and specifications and all other documents which form part of the agreement to be entered into subsequent to award of work. The Tenderers shall specially note that it is the tenderer's responsibility to provide any item which is not specially mentioned in the specification or drawing, but which is necessary to complete the work.

12. Details and quantities of each item of work shown in the "Bill of Quantities" attached here to be only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration at the discretion of the competent authority. The work under each item as executed shall be measured and priced at the corresponding rates to be quoted by the contractor in the Bill of Quantities attached here to.

13. Should a tenderer find discrepancies or omissions in the drawings wherever applicable / Specifications / Scope of work / Terms & Conditions attached to the tender documents or should be in doubt as to their meaning, he should at once address to the authority inviting the tender for clarifications. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful tenderer shall take upon himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof.

14. In the event of tender being submitted by a firm, the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the power of Attorney on behalf of the firm concerned. In the latter case, a copy of the power of attorney duly attested by a Gazetted Officer (Central or State Govt.) must accompany the tender.

15. In case, the date of tender opening falls on Holiday, the tender will be opened on the next working day.

16. Every tender must be accompanied by deposit receipt for the amount mentioned as Earnest Money Deposit. This earnest money will be refunded to the unsuccessful Tenderers after finalization of the award of work. In the case of successful tenderer, the earnest money will be retained as part of the Security Deposit for satisfactory completion of the work in accordance with General Conditions of the Contract. Tenders without Earnest Money Deposit receipts are liable to be rejected. No interest will be paid on the earnest money deposits.

17. The Earnest Money Deposit shall be submitted along with Technical bid and only be furnished by Demand Draft

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18. Unless the Contractor whose tender is accepted signs the contract agreement within fifteen days (15 days) of the date of the order directing him to do so, the amount of Earnest Money already deposited by him may be forfeited and acceptance of his tender withdrawn.

19. If, after opening of tenders, a tenderer revokes his tender or increases his earlier quoted rates or after acceptance of his tender does not commence the work in accordance with the instructions of Engineer-in-charge, the Earnest Money Deposited by him will be forfeited and acceptance of his tender withdrawn. If only a part of the work included in the tender had been awarded to the tenderer, the amount of Earnest Money to be forfeited will be based on the value of the contract so awarded.

20. BENGAL CHEMICAL AND PHARMACEUTICALS LIMITED reserves the right to reject any or all the tenders received or accept any tender or part thereof without assigning any reason thereof. In the case of acceptance of a part of tender, the time for completion may also be reduced to the extent considered appropriate by the accepting authority.

21. Conditional and unsigned tenders, tenders containing absurd rates and amounts, tenders which are incomplete or otherwise considered defective, tenders which are not in accordance with the tender conditions laid down by the Accepting Officer and tenders not submitted in the prescribed forms are liable to be rejected.

22. The tenders should be accompanied by a list of contracts already held by the Contractor at the time of submitting the tender and giving the following particulars:

- (a) Name of work, value and address.
- (b) The balance work remaining to be done on the same.

23. Tenders submitted by post should be sent by "Registered Post with Acknowledgement due". These should be posted with due consideration for any delay in postal delivery. Tenders received after the due date of opening of tenders are liable to be rejected.

24. The Contractor's responsibility under this contract shall commence from the date of receipt of the order or acceptance of his tender.

25. If a tenderer expires after the submission of his tender or after the acceptance of his tender, BCPL may, at their discretion, cancel such tender. If a partner of the firm expires after the submission of the Tender, after the acceptance of the Tender, BHEL may cancel such Tender at the discretion unless the firm retains its character (s).

26. BENGAL CHEMICAL AND PHARMACEUTICALS LIMITED will not be bound by any power of Attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. They may however, recognize such power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.

27. If the tenderer deliberately gives wrong information in his tender, BCPL reserves the right to reject such tender at any stage. Further the tenderer will be liable for any damage caused.

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28. Words imparting the singular number shall be deemed to include the plural number and vice-versa where the context so requires.

29. The General and Special Conditions of Contract are complementary to each other and where they are in conflict, the special condition shall prevail.

30. The expenses for completing the stamping the agreement shall be paid by the Contractor.

31. Should a tenderer or a contractor on the list of approved contractors have a relative or in the case of firm or Company of Contractors any of its share holder's relative is employed in a Managerial Capacity in the City Office of BENGAL CHEMICAL AND PHARMACEUTICALS LIMITED , the authority inviting tenders shall be informed of this fact at the time of submission of the tender, failing which tender may be disqualified or if such a fact subsequently come to light, the relevant provisions of the General Conditions of Contract will apply.

32. These 'INSTRUCTIONS TO TENDERERS' & 'GENERAL CONDITIONS OF CONTRACT OF BCPL' shall be deemed to form an integral part of the contract agreement for the work to be entered into. In cases of variation between the two in any matter, the conditions in the 'THE INSTRUCTIONS TO TENDERERS' shall prevail.

33. All operations to be carried out by the Contractor during the execution of the contract shall be done with proper equipment brought by the tenderer. Suitable power point will be provided and tapping from the power point to equipment shall be done using proper size of cable ,equipment and after getting approval of connections from our Engineer-in-charge.

34. The Contractor shall comply with the provision of Employees Provident Fund and Miscellaneous Provisions Act 1952 and rules, regulations and other orders issued there under. He, as an employer, shall be liable to pay employer's contribution/deductions towards PF under the PF Act in respect of all labour employed by him, for the execution of the contract in accordance with the provisions of the Employees Provident Funds and Miscellaneous Provisions Act, 1952 as amended from time to time. For this purpose he shall indicate the code number obtained from the Regional Provident Fund Commissioner or he should obtain a code number if he has not and produce the Photostat copy of the challan / receipt of monthly remittance of the contribution made by him to the PF Commissioner. Final payments due to him will be released only on production of a "No due certificate" from the Regional Provident Fund Commissioner wherever applicable. He shall also furnish such returns as are due, under the Act, to be sent to the appropriate authorities through the Principal Employer". 40 The Contractor should get himself registered with the E.S.I. Authorities as an independent Employer, obtain a separate code number and remit the dues in respect of the labour employed by him for the work and produce the Challans / Receipts of remittance of the ESI contributions due under the E.S.I. Act to the Company authorities. He shall also furnish such returns, as are due, under the Act, to be sent to the appropriate authorities through the Principal Employer.

35. The Contractor should get himself registered with the E.S.I. Authorities as an independent Employer, obtain a separate code number and remit the dues in respect of the labour employed by him for the wok and produce the Challans / Receipts of

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remittance of the ESI contributions due under the E.S.I. Act to the Company authorities. He shall also furnish such returns, as are due, under the Act. To be sent to the appropriate authorities through the Principal Employer.

36.1 If any action is brought in by P.F. Commissioner/ESI authorities on BCPL for the work done by the Contractor for his laborers regarding PF/ESI amount due, short remittances, non remittances etc., the Contractor shall defend the case on behalf of BCPL and/or reimburse BCPL the expenses so incurred.

36.2 If applicable, the Contractor shall apply and obtain license under Contract labour (R&A) Act 1970 and comply with the relevant provisions of this Act in respect of the labour employed by him for executing this contract. The Contractor shall furnish necessary returns to the authority through the Principal Employer.

37. If applicable, the Contractor shall insure all his labourers and materials. Any claim by his employees for the damages shall be settled by the contractor even action is against BCPL or to reimburse the legal expenses incurred by BCPL

38. Any action brought in by anybody on BCPL regarding patent, right etc., used by contractor in execution of work shall be defended by the contractor and /or reimburse to BCPL the cost of the same.

39. Contractor shall produce necessary records, documents, and explanation whenever he is called upon to do, by any Government. Agencies like ESI, PF, VIGILANCE etc.,

40. TERMS OF PAYMENT:

Payment will be made on quarterly basis against your invoice after satisfactory Services of each quarter.

41. RUNNING ACCOUNT PAYMENTS

During execution of work, payments of all works in place will be made on the basis of measurements recorded in measurement sheet / book in respect of items executed but no claim on the account will be entertained, if for any reason payments are not so made.

42. The work shall be carried out as per detailed specifications enclosed with the tender. The items for which there is no mention in the drawings, detailed specifications to relevant IS specifications (latest edition) shall be followed.

43. CLEANING OF SITE:

After completion of the work, the contractor shall remove all debris, take away left over construction materials, machine, equipment, temporary offices, stores, work shop etc. and make the area neat and clean. The cost of this work shall be included in the quoted rate.

I) TOOLS, TACKLES AND MEASURING INSTRUMENTS:

All the necessary Tools, Tackles and Measuring Instruments required during Maintenance works/Breakdown Maintenance works/Overhauling works/While conducting tests are to be arranged from your end as and when required at no extra cost.

II) PAYMENT TERMS:-

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Payment will be made once in monthly after satisfactory completion of the Services.

III) GENERAL:

- 1) All the statutory requirements as called for by the labour Department, Government of West Bengal, are to be fulfilled in respect of Income Tax, PF, ESI and Safety etc, Your personnel working in BCPL should be Covered under above schemes of your company. You shall furnish the ESI and PF codes.
- 2) Your service personnel should take adequate safety precaution and use necessary safety equipments during repair/servicing works.
- 3) Any damage that may be caused to men and assets of our company by your personnel shall be made good at your cost.
- 4) You are requested to abide by security rules to get access to our premises that are in force from time to time.
- 5) Returnable materials such as tools, equipments and replacement spares etc brought inside our premises shall be entered at our check post at Gate office to enable you to take them back after the completion of works.
- 6) All the materials such as spares/consumables etc required for service /maintenance work shall be brought with necessary delivery challans duly Endorsed by our security at the material gate.
- 7) Your service personnel have to report to the Engineer In charge/Supervisor in charge immediately after entering into our factory premises and before taking up any service /repair works.

Scope of Work

The scope of work is as per the description of items mentioned in the price bid.

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PART-II.

Price Bid
SCHEDULE OF AMC WORK (CIVIL) LABOUR ONLY:

Sl. No.	Description of items	Unit	Rate(in Rupees) (Rate To be quote both in Figure and Word).	Amount (in Rupees)
1	Earthwork in excavation of foundation trenches in all sort of soil of soil (including mixed soil but excluding laterite or sand stone) ramming the bottom, bailing out water etc.as required complete in any depth and any lead as directed by Engineer-in Charge.	Cu.m.		
2	Earthwork in filling in foundation trenches or plinth layer by layer completed. (a) with earth obtained from excavation of foundations or fresh excavation complete in any depth and any lead as directed by Engineer-in charge.	Cu.m.		
3	Labour for cinder filling in the ditches layer by layer of 150 mm tick, con solidating with ramming and watering, including carring material in any lead as per direction of Engineer-in-Charge.	Cu.m		
4	Labour for Salballa pilling with necessary framework, vertical post driven not less than 1 mtr c/c and horizontal frame work not less than 1 mtr c/c including fixing drum sheet with proper arrangement and including the cost of necessary bailing out water.	Sq.m.		
5	Dismantling of concrete carefully without damaging the surroundings In any height including charges of scaffolding, if any damage occur the cost will be deducted from bills as per direction of management, removing rubbish in any lead anywhere as directed.	Cu.m.		

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6	Dismantling of masonry careffully without damaging the surroundings in any height including charges of scaffolding, if any damage occur the cost will be deducted from bills as per direction of management, removing rubbishin any lead and anywhere as directed.	Cu.m.		
7	Dismantling of Reinforced concrete carefully without damaging the surroundings in any height including charges of scaffolding, if any damage occur the cost will be deducted from bills as per directionof management, removing rubbish in any lead and anywhere as directed.		Cu.m.	
8	Dismantling artificial stone flooring in any thickness carefully in any lead, payment will be deducted for damaged area in case of any damage other than work area as directed by Engineer-in-Charge.	Sq.m.		
9	Stripping of worn out plaster and raking out joints within the compound as directed cost of scaffolding complete, Payment will be deducted for damaged arca in case of any damage other than work area as directed by Engineer-in-Charge.	Sq.m.		
10	Cutting chases in wall,floor, and mending good damage as per matching existing work.			
.(a)	In Masonry up to 500 mm wide.	Mtr.		
(b)	In concrete up to 350 mm wide.	Mtr.		
11	Cutting Holes and sudsequent mending dood damages at any height, removing rubbish as directed, cose includes charges of scaffolding			
(a)	In Masonry up to 500 mm wide.			
(i)	75 mm dia hole	Each		
(ii)	125 mm dia	Each		
(iii)	200 mm dia hole	Each		
(iv)	250 mm dia hole	Each		
(v)	300 mm dia hole.	Each		
(vi)	450 mm dia hole.	Each		
(b)	In reinforced concrete up to 350 mm wide including cutting of reinforcement by gas cutter, including hire charges of gas cutter.			
(i)	75mm dia hole.	Each		
(ii)	125mm dia hole.	Each		
(iii)	200 mm dia hole.	Each		
(iv)	250mm dia hole.			

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(v)	300mm dia hole.	Each		
(vi)	450mm dia hole.	Each		
12	Laying Cement concrete with graded stone chips excluding shuttering(a) 1:3:6 including carring materials in any lead and any height, curing complete.	Cu.m.		
13	Laying Cement concrete with gradde stone chips excluding shuttering (a) 1:2:4including carring materials in any lead and any height, curing complete.	Cu.m.		
14	Laying Single brick flat soling of picked jhama drick joint filled with powdered earth or local sand etc. in herring bone pattern including carrying materials in any lead.	Sq.m.		
15	Brickwork with first class brick in cement mortar (4:1)or (6:1) as directed, including carring of all materials in any lead, ruling the joints in both side, including charges for scaffolding ,including curved and cut brickwork up to any height, the will not be allowed more than 1.2 mtr. height in a day, curing complete.			
(a)	75 mm. Thick brick work including providing wire netting in every third layer	Sq.m		
(b)	125 mm. Thick brick work including providing wire netting in every third layer	Sq.m		
(c)	250 mm. Thick brick work	Cu.m.		
(d)	375 mm. Thick brick work	Cu.m.		
(e)	500 mm. Thick brick work	Cu.m.		
(f)	625mm. Thick brick work	Cu.m.		
(g)	750mm. Thick brick work	Cu.m.		
(h)	Brick work in arches in any height and any width.	Cu.m.		
16	Plaster with sand and cement mortar including rounding roff or chamfering cornas directed and raking out joints or roughening of concrete surface, including throatening, nosing and drip course, where necessary, with cement mortar (4:1) or (6:1)as directed, in any portion, in openarea, in cornice and or within a area covered by falls ceiling with necessary labour and charges of treating, nosing including carring of materials in any lead, curing complete.			

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(a)	10 mm thick at ceiling with cement mortar(4:1)	Sq.m.		
(b)	15mm thick at walls with cement mortar(6:1)	Sq.m.		
(c)	20 mm thick at walls with cement mortar(6:1)	Sq.m.		
(d)	Rusticated plaster with stone chips	Sq.m.		
(e)	Rusticated plaster with stone chips	Sq.m.		
(f)	Making 'V' groove line on the plastered surface to match with the existing line, level and depth.	Sq.m.		
17	Labour for pointing to brick work with cement mortar(4:1) including raking out joints up to 50 mm thick properly matching the existing surface where needed including necessary changes of scaffolding and carrying of materials in any lead in any height as per direction of Engineer-in-charge.			
(a)	Flash Pointing.	Sq.m.		
(b)	Rule Pointing.	Sq.m.		
(c)	Tuck Pointing.	Sq.m.		
19	Laying Artificial Stone in floor, dado up to 50 mm. Thick with cement concrete (4:2:1) with stone chips laid in alternative panels not above 4.0 sqm size as directed including leveling, polishing complete with any colour, including carrying of materials in any lead in any height as per direction of Engineer-in -Charge.	Sq.m.		
20	Repairing cracks in floor with cement concrete (4:2:1) plastering and neat cement punning Complete after making proper groove cutting ('v' section) carefully and also use pigment where required to match with existing works, the cost includes removing of rubbish within any lead and proper cutting as per direction of Engineer-in-Charge.	Mtr.		
21	Repairing ceiling with stone chips (4:2:1) after applying one coat cement slurry before applying cement concrete with or without iron net where needed as directed and curing complete, the rate includes the cost of carriage of materials within any lead and charges of staging and scaffolding etc.	Sq.m.		

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22	Fitting fixing R.C.C.jally with cement mortar and to match properly with the existing work, including cleaning the area, carriage of materials within any lead and any height, charges of scaffolding and curing complete.	Sq.m.		
23	stretching crack in wall by cutting the surface in 'V' groove up to 50 mm depth, proper cleaning the surface by brush, applying one coat of cement slurry, grouting with cement concrete (4:2:1), curing properly, removing the rubbish as directed, then finish with piaster and plaster of paris to match with the existing work, including carriage of materials within any lead, charges of scaffolding up to any height, complete as per direction.	Mtr.		
24	Renewing weather faced brick work by taking out damaged single brick carefully so that the surface should not be unsaved, cleaning the hole, placing a new brick with cement mortar (1:3) curing complete, removing of rubbish as directed, pointing the brick area as match with the existing work, cost includes carriage of materials within any lead and height, charges of scaffolding complete as per direction of Engineer- in-Charge.			
(a)	In stretcher course	Each		
(b)	In header course	Each		
25	Renewing ornamental baluster by carefully dismantling the damaged portion, with cement concrete (3:1 1/2:1) and plastering with cement mortar(4:1), neat cement punning about 3mm thick to match with the existing work, removing the rubbish as directed, curing complete phase by phase work, including cost of carriage of materials and charges for shuttering, staging and scaffolding as per direction of Engineer-in-Charge.	Mtr.		
26	tar felting of R.C.C., roof Asbestos, G.I, Shed, R.T. Shed roof with layers of standard terfelt in strips as directed, including bitumen under coat complete including carriage of materials from factory godown and charges for scaffolding at any height complete as per direction of Engineer -in- Charge	Sq.m.		

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27	Making brick pavement, brick flat or brick on edge with picked jhama brick over a single brick flat soling if required as directed with joints close set in cement mortar 96:1),rule pointing to the joint of open surface with cement mortar (4:1), leveling, dressing and ramming the surface as required by box cutting, making of silver sand cushioning up to required height as directed, edging with picked jhama brick on both side by brick on end or brick on edge as directed barricading and protecting the outside of edging by making earthen bundth with ihe earth available from box cutting or fresh excavation as directed up to andy height as required including ramming the same, carriage of all materials within any lead, curing complete as per direction of Engineer- in -Charge.			
(a)	Brick flat pavement in English bond.	Sq.m.		
(b)	Brick flat pavement in herring bon bond.	Sq.m.		
(c)	Brick edge pavement in English bond.	Sq.m.		
(d)	Brick edge pavement in herring bone bond.	Sq.m.		
28	Taking door/ window shutters and frames separately, repairing the frame by replacing ahy/ all member if required, removal of nails and screws, removing of old paint and blister day light showing as to finish linked new wood work, fitting fixing frame in position with M.S.Clamp 300mmlong minimum 6nos. with cement concrete(4:2:1)of area 150 mmx 150mm, curing complete including plastering and finish the surface as to match with the existing work, repairingthe shutters by replacing styles, rails, buttons and panels part or full if required, removing the paint or blister only by light shawing fitting fixing the same in position with necessary hinges, screws, bolts, rings, hasp bolts, tower bolts, locks, stopper, rubber buffer etc. the work so complete to match the existing design andthickness, during the work the directions as per security point of view should be followed,			
(a)	Doors on any height and width in any floor.	Each		
(b)	Windows on any height and width in ahy	Each		

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29	Making, fitting, fixing in position of door / window shutter from ply and old wood of available length, shawing the same to required section, the work should be so carried to match the existing desing(panel, glazed, partly glazed and oartly paneled, solid flush, 'z' batten or any type, of shutter), taking out old ahutter and dump at the salvage as directed, fitting fixing of hinges, lock, tock, tower bolt, hasp bolt, stopper, buffer etc in position by taking out the same from old shutter fixing by new screw or bolt, etc. comolete with necessary applying of adhesive, sand papering, putty etc. to finish as new work as per direction of Engineer-in -Charge.			
(a)	Door shutter as per existing size and thickness.	Each		
(b) Window shutter as	Window shutter as per existing size and thickness.	Each		
30	Making, fitting fixing in position of door / window frame from ply wood of available length, showing the same to required section, taking out old shutter carefully from the damaged frame and taking out damaged frame with clamp and dump at the salvage as directed, fixing the new frame in position with M.S.Clamp of 300mm long of minimum 6 nos, fitted with cement concrete 4:2:1, curing complete and mending good damage, re-fitting fixing of hinges, lock, tower bolt, hasp bolt, stopper, buffer etc in position, and re-fitting the shutter in position with necessary Shawn gate. Complete with necessary applying of adhesive, sand papering, putty etc. to finish as new work as per direction of Engineer-in Charge.	Each		
31	Replacing the door, window fittings by taking out old fittings, mending good damage to the wooden surface and refitting the new item in position with necessary screws, nuts and bolts as per direction of Engineer-in-Charge.			
(a)	Tower bolt of any size.	Each		
(b)	Hasp bolt of any size	Each		
(c)	Catch hook of any size	Each		
(d)	Ring of any size	Each		
(e)	Hinges of any size	Each		
(f)	Door stopper of any size	Each		
(g)	Rubber buffer of any size	Each		

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(h)	Lock any type	Each		
(i)	Magic Eye	Each		
(j)	Vision apperture	Each		
(k)	Door Closer.	Each		
32	Filling in ditches by silver sand in layer by layer not exceeding 150 mm height, ramming, watering by providing power pump, necessary pipes of required length etc, carrying the material from any point of any lead by ricksha van on pucca/kutchra road or by head load on undulating/trenching ground up to extream point of factory.	Cu.m.		
33	Fitting fixing of glass panes of any size and thickness as directed and at height in the wooden or steel channel including removing of old broken glass panes from the channel, cleaning of the channel properly with scrapper and dump the broken materials as directed, minor repairing of the channel if required, fitting fixing of glass panes with putty and pin, cleaning the glass complete, the work includes the cost of scaffolding complete	Sq.m.		
34	Labour charges for painting on plastered, brick, wooden, steel or any other surface, scrapping the surface with brush or other material thoroughly, removing old paint, moss and blister from the surface, repairing the surface with putty to make smooth finish, washing the surface by portable water then applying the paint as directed, the close includes the cost of scaffolding up to any height and carrying the materials from factory store and removing the rubbish at any lead as directed.			
(a)	Two coats of white wash with adhesive and blue.	Sq.m.		
(b)	Two coats of colour wash with ella of strainer and adhesive over acoat of white wash if required as directed.	Sq.m.		
.(c)	Two coats of cement based paint over a coat of cement wash, the rate inclusive of preparing the paint as per manufactures instructing, proper moistening and curing the surface before and applying the paint in each coat as directed.	Sq.m.		

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35	Painting on plastered, brick, wooden, steel or any other surface by synthetic enamel paint, scrapping the surface with brush sand paper or other material thoroughly, removing old paint, moss and blister from the surface, repairing, the surface with putty to make smooth finish, clean the surface then applying the paint as directed, the cost includes the cost of scaffolding up to any height and carrying the materials from factory store and removing the rubbish at any lead as directed.			
(a)	Synthetic Enamel paint two coats over a coat of primer.	Sq.m.		
(b)	Plastic emulsion paint over coat of cement primer.	Sq.m.		
36	Fitting & fixing of ceramic or porcelain tiles with border to match with the existing work with cement mortar (2:1) including baking concrete (4:2:1) and 4 nos. key atone to be set in the back side of tiles with araldite and finishing the joint with white cement and colouring oxide to match with the colour of tiles, including the cost of carriage of materials and charges for scaffolding as directed, cost will be deducted from bill if damage occur in the undamaged surface.			
(a)	Glazed ceramic or porcelain tiles on wall.	Sq.m.		
(b)	Glazed ceramic or porcelain tiles by cutting required shape and size fitted the same in comer position of walls and round surface.	Sq.m.		
(c)	Semi glazed ceramic or porcelain tiles on floor.	Sq.m.		
37	Labour for applying anti-corrosive paint on any surface and height, single coat or more than single coat as directed, proper cleaning and removing of loose particles or other existing paint if any, including the cost of carrying material from factory store and cost of charges of scaffolding etc.	Sq.m.		
38	Bituminous paint on any surface and any height, single coat or more than single coat as directed, proper cleaning and removing of loose particles or other existing paint if any, including the cost of carrying material from factory store and cost of charges of scaffolding etc.	Sq.m.		

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39	Applying Sika Building Products to the surface as directed, products to be apply as per assigning requirement of Engineer-in-Charge time to time, process of application to be directed on spot including cost of scaffolding etc.	Sq.m.		
40	Fitting fixing Marble tiles of any shape and size to the floor and wall set with cement mortar (2:1) including leveling, high polishing (minimum three layer cutting)in any floor, the work should be so carried to match with the existing work, the cost includes cutting and sharpening the edges as per size required, hire charges of man and machinery, polishing stone etc. complete.			
(a)	With Makrana Doongri.	Sq.m.		
(b)	With Kumari.	Sq.m.		
(.c)	With Rajmahal.	Sq.m.		
41	Fitting fixing Kota Stone tiles of any shape and size to the floor and wall set with cement mortar (2:1) including leveling, high polishing (minimum three layer cutting) in any floor, the work should be so carried to match with the existing work, the cost includes cutting and shapeming the edges as per size required, hire charges of man and machinery, polishing stone etc. complete.	Sq.m.		
42	Fitting fixing Granite slabs of any shape and size to the floor and wall set with cement mortar(2:1)including leveling, making suitable arrangements to hold the stones properly by brass or copper hooks, high polishing to the edges to make glossy as per surface in any floor, the work should be so carried to match with the existing work, the cost includes cutting and sharpening the edges as per size required. hire charges of man and machinery. polishing stone etc. complete.	Sq.m.		

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43	Repairing of steel window at any height by fabricating of steel member of suitable size with replacement of old damaged portion by cutting with gas cutter smoothly and welded the new member in position as to match with the existing member in shape, line and size, fleeing the welded portion to reach in plain and smooth surface, painting with one coat of red laid paint as directed the cost includes removing of glass in position by putty and pin, the hire charges of welding, gas cutting accessories, scaffolding, platform, removing of wastes as directed and carriage of material from any lead as directed.	Each		
44	Repairing of steel rolling shutter at any height by fabricating of steel member of suitable size with replacement of old damaged portion of profile, bottom rail, lock, hood, spring etc. by cutting with gas cutter smoothly and welded the new member in position as to match with the existing member in shape, line and size, fleeing the welded portion to reach in plain and smooth surface, painting with one coat of red laid paint as directed the cost includes the hire charges of welding, gas cutting accessories, scaffolding, platform, removing of wastes as directed and carriage of material from any, oiling and greasing the members as directed.	Each		
45	Repairing of steel gate at any height by fabricating of grill, plate, bottom rail, locking device etc. by cutting with gas cutter smoothly and welded the new member in position as to match with the existing member in shape, line and size, fleeing the welded portion to reach in plain and smooth surface, painting with one coat of red laid paint as directed the cost includes the hire charges of welding, gas cutting accessories, removing of wastes as directed and carriage of material from any lead as directed.	Each		
46	Easing the following items by necessary shawing, oiling, greasing or other process by taking out the material by unscrew or bolt and refitting the same in position and mending good damage of all complete as per direetion.			

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(a)	Hasp bolt of any size	Each		
(b)	Tower bolt of any size.	Each		
(c)	Lock any type	Each		
(d)	Drawer of table.	Each		
(e)	Altaraf of any size.	Each		
(f)	Hinges of any size of door and window by taking out shutters.	Each		
47	taking out carefully G.C.I or C.I.or asbestos sheets (including ridges etc) from roof or wall after unscrewing bolts, nuts, screws etc and stacking the materials as directed			
(a)	on frame G.C.I or C.I. sheets	Sq,M		
(b)	on frame Asbestos sheets.	Sq,M		
(c)	on frame PVC SHEET	Sq,M		
48	filling & fixing of old (new pieces of asbetos or G.C.I sheets in ridge & roofing with nut, bolts, washers, hools etc in supporting frame complete.	Sq.M		
49	removing the door / window frame including the M.S. hold fast & stocking serviceable matefrials at site.	Each		
50	renewing Square or Hexagonal SPM netting/ G.I. Wire netting as per existing design including taking out old batch (as necessary) and refixing the same with new screwes & new batches where necessary.	Sq.M		
51	taking out existing partition/ Ceiling of particleboard, masonite board, ply board etc of any thickness and stocking serviceable materials at site.	Sq.M		
52	partition of ply board. Masonite board, partition board etc of any thickness including making supporting framework by old wooden planks/ batens including supporting frame work &necessary teak / gammer wooden bits as per design & direction.	Sq.M		
53	Ceiling of Masonite board etc as per design fitted and fixed complete including supporting framework by old wooden planks/ batens & necessary Gammer / Teak wooden bits complete.	Sq.M		

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54	wall paneling / or, false ceiling of pre Laminated particle board glass fitting where needed fitted & fixed as per design with aluminium section supporting frame work with necessary suspension by G.I. Wire where needed complete job.	Sq.M.		
55	repairing old/ damaged Lintels over doors/ windows by dismantling cement concrtr, providing M.S.Rod where needed plastering, polishing complete	Rft		
56	repairing/ renewing the damaged Portion of ceiling of masonite board, ply board, gypsum board, soft board etc as per design & direction with screws, nails etc complete.	Sq.M		
57	M.S. Ornamental Grill of approved design, joints in frames of window, railing, doors, etc fitted & fixed with screws, lugs etc.	Sq.M		
58	providing & applying of plaster of paris.	Sq.M		
59	fitting & fixing glass pieces in coping of the wall including necessary cement concrete & cement plastering work on the top of the wall.	RM		
60	spring wall on the top of boundary Wall as per direction.	RM		
61	Labour for renewing ply only of partition including taking out old ply etc (as necessary) and refixing the same with new Screws, Fevicol etc.	Sq.M		
62	Structural Steel work Welded in Built up Sections Trusses and Framed work.	Kg.		
63	fixing Electrical Bracket with Cement Concrete etc.	Each		
64	repairing R.C.C.partition Wall, pillar etc by cutting Groves 75mm to 100mm Deep & filling the same with Cement Concrete, neat Cement etc.	Each		
65	taking out carefully glazed porcelain Tiles from walls on Floor including streaking serviceable materials as directd.	Sq.M		

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66	dismantling Mosaic skirting / floor Carefully from & including staking serviceable materials at site as directed.	Sq.M		
67	Labour for dismantling Mosaic floor as per direction & removing rubbish etc.	Sq.M		
68	repairing mosaic floor including laying, cutting, polishing etc. including necessary indoor laying of cement chips as per direction.	Sq.M		
69	making & fixing expanded metal 20x60mm strands 3.25mm wide & 1.6mm Thick for window etc. including wooden Beading where needed.	Sq.M		
70	fitting & fixing/ changing Sun mica on table top including taking out old glue, screws etc complete job.	Sq.M		
71	taking out Tin sheet boundary Wall including streaking the serviceable Materials at site.	%metre		
72	removing white or oolour wash By scrapping and sand papering and preparing the surface smooth including Necessary repairs for scratches etc complete.	Sq.M		
73	Melamine polishing on wood Work (one or more coats)	Sq.M		
74	French Spirit polishing two or More coats of wood filler.	Sq.M		
75	finishing with Epoxy paint (two or more coats) at all locations prepared and Applied.			
(a)	On steel work	Sq,M		
(b)	On concrete work	Sq,M		
76	applying one coat of primer of Approved brand on wall surface.	Sq.M		
77	painting top of roofs with Bitumen of approved quality with brushes and finally with a piece of cloth lightly Soaked in Kerosene oil complete with 80/100 residual type bitumen.	Sq.M		

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78	taking out old existing damaged Tar felt carefully including removal of rubbish from the top of the roof complete.	Sq.M		
79	making new working table/ Stool from old / new woods as per desired Shape & size with glue, screws etc with Fixing sun mica on top complete.	Each		
80	making a special type of new Computer table for Computer & its Accessories as per desired shapes & size Including fixing sun mica on top.	Each		
81	Centering and shuttering including strutting, propping etc.			
(a)	Foundations, footings, bases of column etc.	Each		
(b)	Suspended floors, roofs, landing, Balconies etc.	Each		
(c)	Columns, pillars, piers etc.	Each		
82	Including straightening, cutting, bending, planning, posting and binding all complete.			
(a)	Mild steel and medium Tensile bars	Kg		
(b)	Cold twisted bars	Kg		
83	providing and laying in porting reinforced cement concrete of Specified grade excluding the cost of Centering & shuttering All work upto plinth level.			
(a)	1:1:5:3	Cu.M		
(b)	1:2:4	Cu.M		
(c)	1:3:6	Cu.M		
84	providing and laying reinforced cement concrete in columns, piers, pillars, parapets etc. excluding shuttering & reinforcement			
(a)	1:2:4	Cu.M		
(b)	1:1:5:3.	Cu.M		
85	reinforced cement concrete in Beams, suspended floors, roofs, landings, Lintels, chajja, window fills, staircase etc. upto floor level excluding shuttering & reinforcement.			
(a)	1:02:04	Cu.M		
(b)	1:1:5:3	Cu.M		

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86.	repairing potholes of old sheds by cutting tar felt into small pieces & laying the same over the pothole complete.	Sq.M		
87	Supply of Santras	Rate/ day/ santras		
88	Sand cement (6:1) plaster with plasto Chemical (sika) after taking out old plaster raking joints, cleaning the exposed Carpet To make complete dust / foreign particles free Wetting thoroughly the surface, applying one Coat cement slurry and their 10mm/ 15mm/20mm thick plaster with proportion plasto chemical as per direction of Engineer I/C excluding the cost of taking out plaster.			
(a)	10mm thick plaster	Sq.M		
(b)	15mm thick plaster	Sq.M		
(.c)	20mm thick plaster	Sq.M		
89	extra rate for using water proofing and plastering admixture @ 0.2% by weight of Cement (or, at manufacturers Specified rate) in 1:1:5:3concrete	Cu.M		
90	Site cleaning	L.S		
91	roof casting 50mm thick addition concrete with solvent (1:1½:3) over the existing old roof and /or new roof, This includes the cost of solvent (Sika) where necessary as per direction of E-in - c	Sq.mtr		
92	groove cutting and making coving on the surrounding wall on the roof/floor and filling the grooves with cement concrete (1:1½:3) and plastering complete maintaining the surrounding surface as per direction of E-in-C	RM		
93	scaffolding with bamboo/salballa/ iron tube at different location as & when required			
(A)	Bamboo	Sq.mtr		
(B)	Salballa	Sq.mtr		
(.C)	Iron tube	Sq.mtr		

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94				
a)	fitting and fixing gypsum/board Masonite/ Plaster of Paris/ FRP board as per design For ceiling / partition on frame complete	Sq.mtr		
b)	false ceiling or partition supporting frame work from old wood, making proper size and shape and fitting fixing complete.	Sq.mtr		
c)	false ceiling or partition supporting frame work from new wood, making proper size and shape and fitting fixing complete	Sq.mtr		
95	one set of scaff holding only with Bamboo as main post up to 2mtr width for repairing glass Panes, painting, uprooting plant and minor repairing works Of building and S& P work for internal and external work.			
a)	Upto 3 metre height	Sq.mtr		
b)	Extra for additional 3 metre height upto or part thereof	Sq.mtr		
c)	Extra for additional 6 metre and above	Sq.mtr		
96	making aluminum frame of doors, windows, Partition, fan lights etc fitted and fixed complete as per direction of the E-IN- CHARGE.	Mtr		
97	making glazed aluminum shutters, of door, M2windowsPartition, fan lights etc fitted and fixed complete as per direction of the E-IN CHARGE.	Sq.mtr		
i)	fitting and fixing of door each and window handle	Each		
ii)	Door and window lock	Each		
iii)	Fitting and fixing haspbolt	Each		
iv)	Fitting and fixing of Tower Bolt, hinges, stopperandBuffer	Each		
v)	Fitting and fixing of floor spring door closer	Each		

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