TENDER DOCUMENTS

FOR ARCHIE ROOM & RECEPTION HALL FURNITURE (MODULAR TYPE) FOR DMRC

GENERAL TERMS AND CONDITION & BOQ



NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.

N.P.C.C.Limited DMRC Campus New Pali Road Jodhpur - 342005.

Issued to :-

CORPORATE OFFICE 67-68, Sector-25 Faridabad- 121 004 Haryana.

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NATIONAL POJECTS CONSTRUCTION CORPORATION LIMITED (A Govt. of India Enterprise) DMRC Campus New Pali Road, Jodhpur, (Rajasthan)

Ref.No:-737002/325 Dated:- 29/12/2012

TENDER NOTICE

Sealed item rate limited tenders in CPWD form No. 8 are invited by Project Manger , NPCC Ltd. on behalf of Zonal Manager, Delhi zone from Manufacturer or its Authorized dealer of **GODREJ & BYOCE MFG Co.** Ltd. for the following works.

| SI. | Name of Work | Estimated | Earnest | Period of |
|-----|---|-------------|----------------------------|------------|
| No | | Cost (Lacs) | money | Completion |
| 1. | Supply, Installation and commissioning of Archie and Reception Hall furniture for DMRC at Jodhpur (Raj.). | 4.37 lacs | 2% of Estimated cost | 1½ Months |

The tender documents consisting of detailed specifications, schedule of quantities, terms and conditions etc can be obtained from Office of the Project Manager, NPCC Ltd. DMRC campus New Pali Road, Jodhpur (Raj.) on any working day from 01/01/2013 to 08/01/2013 on payment of non refundable Rs.1000.00 per set or it could be downloaded from NPCC website www.npcc.gov.in for which Rs. 1000 is to be paid along the tender either cash or cheque or draft in the favour of NPCC Limited as tender cost .Filled up tender documents along with earnest money in the form of Demand Draft or Deposit-Call receipt or Banker's cheque in favour of NPCC Ltd shall be submitted in the above mentioned office on or before 09/01/13 by 3.30PM. Tender shall be opened on the same day at 4.00 PM in presence of authorized representative of tenderer who choose to be present. For Tender documents please visit npcc website www.npcc.gov.in or DMRC Website. www.dmrcjodhpur.org. NPCC reserves right to cancel any or all the tenders without assigning any reason.

CC:-

- 1. The Director-in-charge, DMRC, New Pali Road, Jodhpur for kind information with request to upload tender documents in DMRC website
- 2. The Zonal Manager, Delhi Zonal Office, NPCC Ltd., Delhi for information please
- 3. General Manager (PMC) Corporate Office Faridabad for uploading tender documents in NPCC Web Site please.
- 4. Godrej & Boyce Mfg. Co. Ltd. 501-506, 5th floor, Gaurav Tower-1 Malviya Nagar, Jaipur.
- 5. Jodhpur Metals Pvt. Ltd., 1st B Road, Sardarpura, Jodhpur.-342001
- 6. Shiv Furniture, Jalori Gate, Chopasni Road, Jodhpur-342003.
- 7. Banthiya & Company Pvt. Ltd. Opp. Goods shed, Station Road, Ajmer.
- 8. Rajasthan Central Stores, Bhagat Bhawan, MI Road, Jaipur-302001
- 9. Abhinav Enterprises, Shop No. 55-56, Dolphin Square, A- Block, Near Guman Tower, Behind National Handloom, Vaishali Nagar, Jaipur-302019
- 10.MM Enterprises A-134, Behind Vipul Motors Near Jain Temple, Aaradhan Bhawa, Shyam Nagar, Sodhala, Jaipur-302019
- 11. Dhariwal Trading Corporation, Near SBI, Station Road, Pali -306401



NATIONAL POJECTS CONSTRUCTION CORPORATION LIMITED (A Govt. of India Enterprise) DMRC Campus New Pali Road, Jodhpur, (Rajasthan)

MINIMUM PRE-QUALIFICATION CRITERIA REQUIRE TO BE FULFILL FOR THE MANUFACTURER OR ITS AUTHORISED DEALER OF GODREJ FOR FURNITURE

- (a) Current income tax clearance certificate or PAN card.
- (b) Valid sales Tax clearance certificate.
- (c) Valid Authorized Dealer Certificate of Godrej for furniture.



NATIONAL POJECTS CONSTRUCTION CORPORATION LIMITED (A Govt. of India Enterprise) DMRC Campus New Pali Road, Jodhpur, (Rajasthan)

MODE OF SUBMISSION

The tender is to be submitted sealed covers marked as . Supply, Installation and commissioning of Archie Room and Reception Hall for DMRC at Jodhpur.

This ENVELOPE shall contain the following:-

- 1) Earnest Money.
- 2) Current sale tax registration certificate.
- 3) Income tax clearance certificate/ PAN Card.
- 4) Valid Authorized Dealer Certificate of Godrej for furniture.
- 5) Filled up tender documents with signature
- 6) Cost of tender document if downloaded from NPCC website



General Terms and Condition

1.o. General

The contract means the document forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of NPCC and the contractor, together with the documents referred to therein including these condition, the specification, design, drawings and instruction issued from time to time by the Engineer-in-Charge and all these taken together, shall be deemed to form one contract and shall be complementary to one another.

- 1.1. In the contract the following expression shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them.
- 1.2. National Project Construction Corporation Limited, hereinafter called "NPCC" propose to get the works executed as mentioned in the contract on behalf of Owner/ Client.
- 1.3. The work will be executed as per conceptual drawings provided by NPCC and subsequent prepared 3D drawing by bidders and approved by NPCC/DMRC.

2. OTHER DEFINITIONS

- **a. ENGINEER-IN-CHARGE** means Senior Manager of NPCC who shall supervise and be in-charge of the work from time to time.
- **b. WORKS OR WORK**:- The expression works or work shall unless there be something either in the subject or context repugnant so much construction, be constructed and taken to mean the work by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
- **c.** The site shall mean here Labs and Administrative Building located at DMRC Campus New Pali Road Jodhpur.
- d. CONTRACTOR:- The contractor shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successor of such firm or company and the permitted assigns of such individual or firm or firms or company.

- e. DRAWINGS mean the drawings referred to in the Bill of Quantities, specification and any modification of such drawings or such other drawings as many from time to time being furnished or approved by NPCC.
- f. SITE:- Site means DMRC Campus New Pali Road Jodhpur.
- **g. APPROVAL** means approved in writing including subsequent written confirmation of previous verbal approval.
- **h. WRITING** means any manuscript typed, written or printed statement under or over signature and/ or seal as the case may be.
- i. MONTH means English Calendar month 'Day' means a calendar day of 24 Hrs each.
- j. **CONTRACT VALUE** means the sum for which the tender is accepted as per the letter of intent.
- **k. LANGUAGE** all documents and correspondence in respect of this contract shall be in English Language.
- I. BILL OF QUANTITIES or SCHEDULE OF QUANTITY means the price and completed BOQ or Schedule of Quantities forming part of the tender.
- m. OWNER/CLIENT DMRC under Indian Council of Medical Research, Delhi who has awarded the work / and NPCC is acting as agent of them for the purpose of getting the work executed and entering into contract on their behalf.
- n. IMPLEMENTING/EXECUTING AGENCY means NPCC.
- o. TENDER means the contractor's priced offer to NPCC for the execution and completion of the work and the remedying of any defects therein in accordance with the provision of the Contract, as accepted by the letter of intent or Award letter. The word TENDER is synonymous with bid and the word TENDER DOCUMENT with "Bidding Document" or "offer document".
- p. The heading in the clause / condition of tender documents is for convenience only and shall not be used for interpretation of the clause / condition. Words imparting the singular meaning only also include the plurals and vice versa where the context requires. Words importing persons or parties shall include firms and corporations and organization having legal capacities.

2.0. INSPECTION OF SITE AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the working place located at DMRC Campus, New Pali Road, Jodhpur (Rajasthan)-342005.

2.1. **ACCESS BY ROAD :-** All weather approach road is available upto working site.

2.2. **HANDING OVER & CLEARING OF SITE.:-** Site is ready for installation and making functional by supplying furniture as per requirement.

3.0. SCOPE OF WORK

3.1. The scope of work covered in this tender shall be as per the BOQ, specifications, drawings, instructions, orders issued to the contractor from time to time during the execution of work. The quantity of various items as entered in the BOQ are indicative only and may very depending upon the actual requirement. The contractor shall be bound to carry out and complete the stipulated work irrespective of the variation in individual items specified in the bill of qualities.

4. VALIDITY OF TENDER.

The tender for the works shall remain open for acceptance for a period ninety days from the date of opening of price bid of tenders. The earnest money will be forfeited without any prejudice to any right or remedy, in case the contractor withdraws his tender during the validity period or in case he changes his offer to his benefits which are not acceptable to NPCC. The validity period may be extended on mutual consent.

5.0. ACCEPTENCE OF TENDER

The NPCC reserves to itself the authority to reject any or all the tenders received without assigning any reason. The acceptance of a tender shall be effective w.e.f. the date on which the telegram/ letter of intent of acceptance of the tender is put in the communication by the NPCC. NPCC also reserve the right to Split the work among two or more parties at lowest negotiated rate without assigning any reason thereof. The contractor is bound to accept the portion of work as offered by NPCC after Split up at the quoted / negotiated rates.

6.0 A. SET OF CONTRACT DOCUMENTS.

The following documents will complete a set of tender document.

- i. NIT.
- ii. General condition of the contract including special condition of the contract and prescribed formats.
- iii. Schedule of rates / Bill of quantities.
- iv. Technical specifications

7.0 EARNEST MONEY DEPOSIT.

Earnest money deposit of amounting as mentioned in the NIT is required to be submitted along with the tender shall be in the form of **Demand**

Draft or call in Deposit or Banker's cheque payable at place as mentioned in "Notice inviting Tenders in favor of NPCC Limited from any Nationalized / Scheduled Bank of India. The EMD shall be valid for minimum period of 90 days (Ninety days) from last day of submission of tender.

- **7.1** The EMD of all unsuccessful tenders will be returned within 30 (thirty) days of the Award of the contract to successful bidder.
- **7.2No interest will be** payable by the NPCC on the said amount covered under EMD/SD
- **7.3EMD of successful tenderer**, if deposited in the form of Demand Draft, shall be treated as part of security deposit.

8. MOBILIZATION ADVANCE

No Mobilization advance will be paid.

9.0 INITIAL SECURITY DEPOSIT

Further security deposit or retention money shall be deducted from each running bill of the contractor @ 5% of the gross value of running account bill till it reaches 5% of the contract value including 2% EMD. The security deposit or retention money shall be refunded to the contractor after expiry of defects liability period or on payment of the amount of the final bill whichever is later.

10.0 MOBILIZATION OF MEN, MATERIALS AND MACHINERY:

- 10.1 All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipments, clearing the site etc. shall be deemed to be included in price quoted and no separate payment on account of such expenses shall be entertained.
- 10.2 It shall be responsibility of the contractor to obtain the approval for any revision and / or modification desired by him from NPCC before implementation. Also such revision and/or modifications if accepted /approved by the NPCC shall be carried at no extra cost to NPCC.
- 10.3 All materials, once bought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the NPCC.

11.0 INCOME TAX DEDUCTION

Income tax deductions shall be made from all payment made to the contractor including advances against work done, as per the rules and regulation in force, in accordance with the income tax act prevailing from time to time.

12.0 TAXES AND DUTIES.

12.1. The rate quoted by the contractor shall be deemed to be inclusive of sale tax, Turnover Tax on works contract or any similar tax as per sales tax act applicable in the state and it shall be reimbursed by NPCC as quoted and relevant photocopy of challan is to be deposited as and when sought by NPCC

13. RATES TO BE FIRM.

The rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to rates or any escalation shall be allowed on account of any increase in price of materials, labor, POL and overheads etc or any other statutory increase during the entire contract period.

14. ESCALATION / PRICE VARIATION.

No claim on account of any price variation / Escalation on whatsoever ground shall be entertained at any stage of works. All rate as per BOQ quoted by contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation price variation clause shall be applicable on this contract.

15. EMPLOYMENT OF PERSONEL

- 15.1 The contractor shall employ only India National as his representatives, servants and workmen after verifying their antecedents and loyalty. He shall ensure that no personal of doubtful antecedents and any other nationality in any way is associated with the works.
- 15.2 The NPCC shall have full power and without giving any reason to the contractor, immediately to get remove any representative, agent, servant and workmen or employee on account of misconduct negligence or incompetence or whose continued employment may in his opinion be undesirable. The contractor shall not be allowed any compensation on this account.

16. **TECHNICAL STAFF FOR WORK**

The contractor shall employ at his own cost the adequate number of technical and other staff during the execution of this work depending upon the requirement of work. The contractor shall not be entitled for any extra payment in this regard. The technical staff should be available at site, whenever required by NPCC to take instruction.

17. SECURED ADVANCE AGAINST NON- PERISHABLE MATERIALS.

Interest free secured advance up-to a maximum of 70% (seventy percent) of the market value of the materials or the cost of materials as delivered from the tendered item rate of the contractor, whichever is less, required for incorporation in the permanent works and brought to site and duly certified by NPCC site Engineer, shall be paid to the contractor for all non-perishable items as per NPCC/MOST norms. The advance shall be recovered in full from next running account bill and fresh advance paid for the balance quantities of materials. He shall also employ necessary watch and ward establishment for the purpose at his own cost and risk.

18. **MEASUREMENT OF WORKS**.

Unless otherwise mentioned in the bill of quantities the measurement of works shall be done as per MOST/CPWD specification (as specified in Technical Specification of the tender) and if the same is not given in the MOST/CPWD specification, the same shall be measure as per latest BIS codes in force.

19. PAYMENT.

The bill shall be submitted by contractor all works executed and accordingly payment will be released after join verification but not later than 15 days.

20. WORK ON SUNDAYS, HOLIDAYS AND DURING NIGHT.

For carrying out work on Sunday and holidays or during night, the contractor will approach the Engineer-in-Charge or his representative at least two days in advance and obtain his permission. The Engineer-in-Charge at his discretion can refuse such permission. The contractor shall have no claim on hid account whatsoever. If work demand, the contractor shall make arrangement to carry out the work on Sundays, Holidays and in two, Three shifts with the approval of Engineer-in-Charge at no extra cost to NPCC.

21. NO IDLE CHARGES TOWARDS LABOUR OR P & M ETC.

No idle charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever. NPCC will not entertain any claim in the respect.

22. WORK TO BE EXECUTED IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS, ORDERS ETC.

The contractor shall executed the whole and every part of the work in the most substantial and workman like manner both as regard materials and otherwise in every respect in strict accordance with the specification. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instruction of writing in respect of the work assigned by the Engineer-in-Charge.

The contractor shall comply with the provisions of the contract and execute the works with care and diligence and maintain the works and provide all labour and materials, tool and plants including for measurement and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these is specified or is reasonable inferred from the contract. The contractors shall take full responsibility for adequacy, suitability and safety of all the works.

24. TIME SCHEDULE & PROGRESS

Time allowed for carrying out all the works as entered in the tender shall be as mentioned in the "Memorandum to the Form of Tender" which shall be reckoned from the 10th day from the date on which the letter / telegram of intent is issued to the contractor. Time shall be the essence of the contract and contractor shall ensure the completion of the entire work within the stipulated time of completion.

25. SCHEDULE OF RATES.

The quantities shown against the various items of work are only approximate quantities which may vary as per the actual requirement at site.

26. INDIAN STANDARD

Wherever any reference is made any IS in any particular specification, drawings or bill of quantities, it mean the Indian standards edition with the amendments current at the last date of receipt of tender documents.

27.0 MATERIALS AND SAMPLES

- 27.1 The materials / products used on the work shall be one of the approved make/ brands out of list of manufacturers/ s given in the tender documents. The contractor shall submit samples/ specimens out of approved makes of materials / products to the Engineer-in-Charge for prior approval. In exceptional circumstances Engineer-in-Charge may allow alternate equivalent makes / brands of products / materials at his sole direction. The final choice of brand/ make shall remain with the engineer-in-Charge, whose decision in the matter shall be final and binding and nothing extra on this account shall be payable to the contractor.
- 29. CARE OF WORKS.:- From the commencement to the completion of the works handing over to the NPCC and contractor shall take full responsibility for the care thereof and all temporary works and in case any damage loss or injury shall happen to the works or to any part thereof or to any temporary works due to lack of precaution / negligence on part of contractor, the same shall be made good at his own cost.

31. PROHIBITION ON SUBLETTING

The contractor shall not sublet or assign the whole or part of the works except where otherwise provided, by the contract and even then only with the prior written consent of the NPCC and such consent if given shall not relive the contractor from ant liability or obligation under the contract and he shall be responsible for the acts, defaults or neglects of any subcontractor, his agent, servants or workman as full as if they were the acts, the defaults or neglects of the contractor, his agent servants or workman provided always that the provision of labour on piece work basis shall not be deemed to be a subletting under this clause

32. ALTERNATION IN SPECIFICATION, DESIGN & DRAWING.

32.1 The Engineer-in-Charge shall have power to make any alternation in, omissions from, additions to or substitution for the original specifications, drawings, design and instructions that may appear to him to be necessary during the progress of the work, and the contractor shall carry out the work in accordance with any instruction which may be given to him in writing signed by the Engineer-in-Charge and such alternations, omissions, additions, or substitution shall not invalidate the contract and any altered, additional or substituted work which the contract may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same condition in all respects on which he agreed to do the main work. The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted works bears to the

original contract work, and the certificate of the Engineer-in-Charge shall be conclusive as to such proportion. Over and above this, a further period to extent of 25 percent of such extension shall be allowed to the contractor. The rates for such additional, altered or substituted work under this clause shall be worked out in accordance with the following provision in their respective order.

- i. The rates for the additional, altered or substituted work are specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rates as per specification.
- ii. If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, the rates will be derived from the rates for a nearest similar item of work as are specified in the contract for the work. In case of composite tenders where two or more schedule of quantities / bill of quantities form part of the contract, the rates shall be derived from the nearest similar item in the schedule of quantities / bill of quantities of the particular part of work in which the deviation is involved falling that from the lowest of the nearest similar item in other schedule of quantity. The opinion of the Engineer-in-Charge as to whether or not the rate can be reasonably so derived from the item in this contract will be final and binding on the contractor.
- iii. If the altered, additional or substituted work includes any work for which no rate is specified in the contract for the work and which cannot be derived in the manner specified in sub para(i) and (ii) from the similar class of work in the contract then such work shall be carried out from the price list of Godrej at the rates entered in the schedule of rates minus/plus the percentage which the tendered amount of scheduled items bears with the estimate amount of schedule item based on the schedule of rates. The schedule items means the items appearing in the schedule of rates published by Godrej as price list effective during the floating of tender
- iv. if the rates for the altered, additional or substitute work cannot be determined in the manner specified in sub-clause (i) to (iii) above, then the contractor shall, within 7 days of the date of receipt of order to carry out the work, inform the Engineer-in-Charge of the rate which it is intension to charge for such class of work, supported by analysis of the rate or rates claimed, and the Engineer-in-Charge shall determine the rate of rates on the basis of prevailing market rate of the materials, labour, T&P etc. plus 10% (Ten percent) to cover the contractor supervision, overheads the profit and pay the contractor accordingly. The opinion of the Engineer-in-Charge as to the current market rates of the materials and quantum of labour involved per unit of measurement will be final and binding on the contractor.

However, the Engineer-in-Charge, by notice in writing will be at liability to cancel his order to carry out such class of work an arrange to carry it out in such manner as he may consider advisable. But under no circumstances, the contractor shall suspend the work on the plea of non-settlement of rates of items failing under the clause.

33. COMPENSATION FOR DELAY AND REMEDIES.

If the contractor fails to maintain the required progress in terms of relevant clause of contract, to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Govt. on account of such breach, pay as agreed compensation the amount calculated at the rate stipulated below or such smaller amount as the Engineer-in-Charge (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every complete day /week (as applicable) that the progress work remains incomplete.

i. Completion period (as originally stipulated) @ 1% per week

Provided always that the total amount of compensation for delay to be paid under the condition shall not exceed 5% of the tendered value. The amount of compensation may be adjusted or set-off-against any sum payable to the contractor under this or any other contract with NPCC.

34. DEFECTS LIABILITY PERIOD

The contractor shall be responsible for the rectification of defects in the works for a period **three months** from the date of taking over of the works by the Owner / Client. Any defects discovered and brought to the notice of the contractor forthwith shall be attended to and rectified by him at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by NPCC at the cost and expense of the contractor.

36. **FORCE MAJEURE**

Any delay in or failure of the performance of either party hereto shall not constitute default hereunder to give rise to any claims for damages, if any to the Extent such delay or failure of performance is caused by occurrences such as acts of God or the public enemy, expropriation, compliance with any order or request of Government authorities, acts of war, rebellions, sabotage fire, floods, illegal strikes, or riots (otherwise than among the contractors employees). Only extension of time shall be considered for Force Majure conditions as accepted by NPCC. No adjustment in contract price shall be allowed for reasons of force majeure.

37. ARBITRATION -

Both the parties shall make efforts to settle the disputes or differences amicably. If amicable settlement is not possible the same shall be referred to the sole arbitrator of Chairman and managing Director of NPCC or the person appointed by CMD, NPCC and the decision of the arbitrator shall be final and binding on both the parties. Arbitration shall be accorded in Indian arbitration and conciliation Act. 1996.

38. **JURISDICTION**

The agreement is deemed to be executed at Jodhpur and the Courts in Jodhpur alone will have jurisdiction to deal with matters arising there from.

39. TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR

Without prejudice to any of the right or remedies under this contract if the contractor dies, the Engineer-in-charge shall have the option of terminating the contract without compensation to the contractor. If the contractor will not executed the works as per the construction programme or time scheduled entered the agreement including time extension if any due to the reasons attributable to him, NPCC reserves the right to terminate or reduce his contract at any stage of contract period and got executed the work at the risk and cost the contractor.

40. CLARIFICATION AFTER TENDER SUBMISSION

Tenderers attention is drawn to the fact that during the period, the bids are under consideration, the bidders are advised to refrain from contacting by any means, the NPCC and/or his employees/representatives on matters related to the bid under consideration and that if necessary, NPCC will obtain clarifications in writing or as may be necessary. The tender evaluation and process of award of works is done by duly authorized Tender Security Committee and this committee is authorized to discuss and get clarification from the tenderers.

41. **EXTRA / SUBSTITUTE / ADDITIONAL WORKS=** As per requirement of DMRC additional items of Godrej make, may have to be supply by the lowest bidder for which payment will be released as **per latest Godrej price list plus VAT as applicable** in the state of Rajasthan

SPECIAL CONDITIONS



SPECIAL CONDITIONS

- 1. "CPWD Specifications" wherever appearing in this document would mean "Latest Edition of CPWD Specifications with correction slips issued upto last date of receipt of tender.
- No payment shall be made to the contractor for any damage caused by rain, snowfall, flood, earthquake or any other natural causes whatsoever during the execution of work. The damages to the work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
- 3. The drawings/ sketches / Layout which are a part of this tender document are indicative/ conceptual for guidance only. Actual site specific layout and execution/ fabrication drawings shall be prepared and submitted by the contractor to obtain approval of Engineer-in-charge before actual execution of work
- 4. The contractor shall at his own cost arrange for necessary licenses / permissions/ clearance etc. required to import the material for completion of work within stipulated completion period.
- 5. If the material or finished work are not found acceptable, the contractor shall arrange for the replacement of material required for re-executing the work as per contract.
- 6. The rate quoted shall be inclusive of expenditure on the requisite approvals/ quality assurance tests/ certification to be carried out on the material and / or work as may be decided by Engineer-in-charge for which nothing extra shall be payable.
- 7. **Maintenance Period:-** The maintenance period will be **twelve months** from the date of recording of completion certificate by Engineer-in-charge. During maintenance period any defects in the Administrative /Lab furniture / fume hoods if found, it will be responsibility of contractor to rectify it as per requirement at his own cost failing which the same shall be done at his risk and cost.
- 8. All work should be completed following standards ISO -9001-2000, ISO-14001, OHSMS/IS 18001:2000, BIFMA.



SPECIFICATION OF THE WORK

Following codes are require to be followed for Administrative and Labs furniture.

| Sl.no. | Material | Standard | Description |
|--------|----------|--------------------------|---|
| 1. | Steel | IS: 513 | Cold rolled Steel- for M.S. Sheet thickness |
| | | IS:10748, | Hot rolled Steel-for M.S. sheet thickness |
| | | Group-1 | 2.5-3.15mm |
| | | IS:2062 | Hot rolled Steel-for M.S. sheet/flat |
| | | | thickness>3.15mm. |
| | | IS: 7138 | M.S.E.R.W. tubes- |
| | | | IS: 7138 for tubular components |
| 2. | Surface | IS:101 | Epoxy-Polyester Powder Coating |
| | Coating | | 1. Powder coating thickness > 45 microns |
| | | | DFT(Dry Film Thickness. |
| | | | 2.Withstand 1000 hours in salt-spray test. |
| | | BS3900/E2 | Scratch resistance of 4Kgs. |
| | | BS3900/E3 | Impact resistance 150Kg/ percm. |
| | | | Electro plating- Crome/Nickel Chrome-coat |
| | | | thickness > 20-25 microns DFT. |
| | | | 2). Withstand 40 hours in salt-spray test. |
| 3. | Plywood | IS: 303 | Panel Form: as per Thickness, size & grades |
| | | | 5 Plies: |
| | | | Approx. 10.0mm thick (+/-1.0mm) |
| | | | 6 Plies: Approx. |
| | | | 12.0mm-Thick |
| | | | (+/- 1.50mm) |
| 4. | FABRIC | ASTMD 1682 | Breaking Strength: |
| | | _ | 180-195 Kgs. |
| | | ASTMD 1682 | Elongation:40-45 % |
| | | | For 100% Polyester |
| | | IS:2454 | Colour fastness to Light: 4 to 5 units on |
| | | 10 700 4000 | respective scale |
| | | IS:766-1988 | Colour fastness to Rubbing: 4 to 5 units on |
| | | 100 405 -40 | respective scale |
| | | ISO 105 x12- 2001 | |
| | | | Colour footpood to Wotor: 4 units on roomastics |
| | | ISO 105 CO6 | Colour fastness to Water: 4 units on respective |
| | | A2S-1994 IS 4389-1988 | scale |
| | | BS-5690- | Abrasion Resistance: for 30000-40000 cycles. |
| | | 1991 | Abiasion Resistance. 101 30000-40000 Cycles. |
| | FOAM | 1001 | PU Foam-Polyurethane (Polyol) + Isocyanate |
| | | | Density 45 Kg./M3 (+_2) |
| | | | Hardness:20 (+_2) on Hampden machine |
| | | | @25% compression |
| | PLASTICS | IS5210 | H.I.P.S. (High Impact Polystyrene) |
| | , .51105 | .502.10 | ABS sheet-2.5mm thick |
| | | | |
| | | | P.P.C.P3.0mm thick |



LIST OF APPROVED MAKES OF MATERIAL REQUIRE TO BE USED IN ADMINISTRATIVE AND LAB FURNITURE.

| SI. no. | Material | Approved make |
|---------|-----------------------|--------------------|
| 1 | Paint | a). ICI |
| | | b). Asian Paints |
| | | c). Berger |
| | | d). Oikos |
| | | e). Nerolac |
| 2 | Float Glass | a). Modi Guard |
| | | b). Glaver bel |
| | | c). Sain Gobain |
| 3 | Expansion Bolts | a). Hilti |
| | | b). Fischer |
| 4 | Glazing Sealant | A). Dow Corning |
| | | b). GE Sealant |
| 5 | Pre laminated Board/ | a). Novapan |
| | Medium Density | b). Greenlam |
| | Fibre Board | c). Merino |
| | | d). Donear |
| 6 | Resin based Adhesive | a). Fevicol |
| | | b). Vamicol |
| 7 | Steel/Stainless Steel | a). Tata Steel |
| | | b). SAIL |
| | | c). Jindal |
| 8 | S S /Chrome Coated | a). Dorma |
| | Hardware | b). Hafele |
| 9 | Laminates | a). Formica |
| | | b). Decolam |
| | | c). Greenlam |
| | | d). Merino |
| 10 | Aluminum alloy | a). Hindalco |
| | Extruded Section | b). Indalco |
| | | c). Jindal |
| 11 | Switches | a). Northwest |
| | | b). Anchor |
| | | c). Crabtree |
| 12 | Locks | a). Godrej/ dorset |
| 13 | Fume Hoods | a). Godrej |
| | | b). Labexcel-GDPL |
| | | c). Lab Guard |
| | | d). Walcher |
| | | e). Motts |
| | | f). Kewanee |

BOQ



NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED

(A Govt. of India Enterprise) DMRC Unit, DMRC Campus, New Pali Road, Jodhpur (Raj.) 342005.

| SI. | Description | Qty. | Rate | Amount |
|-----|---|------|------|--------|
| no. | | | | |
| 1 | Supplying of Urban Sofa 3 STR for reception area as per following specification: Base frame: MS. Pipe, leg made from rubber wood, PU Foam (Hardness 20,dencity 45 kg/cubic m) 18mm thick partical board, armrest: cover placed on (Hardness 20,dencity 45 kg/cubic m) MS pipe recron fiber, backrest & seat rest: cover placed on moulded PU Foam (Hardness 20,dencity 45 kg/cubic m) MS pipe recron fiber, Horizontal test cyclic: A force of 334 N is applied to the backrest horizontially for 120000 cycles, while a weight of 120 kg is applied at the centre of each seat of sofa, dimension: seat 40cm (H) x 60cm (D) x 204cm (W) x 12 cm legs height, cover: synthetic leather, colour: desert brown. | 04 | | |
| 2 | Supplying of Tia Chair for reception area as per following specification: Tia chair made of stainless steel four legs, overall size of chair:45cm (w) x 52 cm (D) x99 cm (H) in black PU foam. | 36 | | |
| 3 | Supplying of Headen Table for reception area as per following specification: Headen table made of stainless steel four legs, overall size of Table: 110cm (W) x 110cm (D) x 76 cm (H) with 6mm round glass at top. | 2 | | |
| 4 | Supply of coffee table Alice: The table shall have height 750mm & with 1050mm. The top glass size shall be 1050mm with thickness 10mm (tempered & bottom glass size should be 295mm with glass thickness of 6mm (tempered), Marble size shall be 450mm with thickness of 35mm. It should have knockdown: Construction with table rack in crome finish & MB UV disc. The top glass has clear finish while the bottom glass have the sanding finish. | 9 | | |
| 5 | Supplying of reception area chair Lioma Mid back: | | | |

| | The seat made up of moulded polyurethane foam upholustered with foam laminated mesh fabric. The insert moulded foam is assembled over a load bearing plastic seat cover. The back is made up of two piece injection moulded frame. The inner Frame is upholustered with mesh fabric and mounted on the main assembly. The back has adjustable lumber support for achieving comfortable seating posture. The polyurethane form for seat is moulded with dencity=75+-4kg/m3 and hardness=34+/-4. The armrest top is injection moulded in polyurethane and mounted on the injection moulded height adjustable type armrest. The armrest height is adjustable in 3 step. The mechanism is designed 360* revolving type front pivot for tilt width feet resting on ground esuring more comfort Tilt tension 3 position locking with anti shock feature Pedustal is made of die cast aluminum fitted with 5 nos. twin wheel caster the pedestal is 650mm, pitch center dia. The twin wheel caster are injection moulded in nylon. Total | 2 | |
|------|--|---|--|
| Plus | VAT @ | | |
| | GRAND TOTAL | | |

| TotaQuo | tedAmout | in words | | |
|---------|----------|----------|------|------|
| | | | | |
| | | | | |

Signature of Supplier