



उत्तर प्रदेश राजकीय निर्माण निगम लिमिटेड

Uttar Pradesh Rajkiya Nirman Nigam Ltd.



(U.P. GOVT. UNDERTAKING)
ISO 9001 : 2008 CERTIFIED

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पंजीकृत कार्यालय :
विश्वेश्वरैया भवन, विभूति खण्ड,
गोमती नगर, लखनऊ-226 010

संख्या 159-
Camb.: G.M. (Consultancy) / RNM/13

दिनांक 28-9-2013

Corrigendum Notice FOR WEB-SITE

PREQUALIFICATION NOTICE FOR EMPANELMENT-Structural Consultants & Services, Fire fighting, Electrical Services Consultants, Quality control consultant and Building contractors

Applications are invited from leading Firms for empanelment for providing **Structural / Services, Fire fighting, Electrical Services and Building contractors** for Various projects, within 30 days For empanelment the following details are to be required:-

1. NAME OF ORGANISATION, REGISTRATION NO. WITH SERVICE TAX ,PAN NO, FULL ADDRESS ,TELEPHONE & FAX .
2. Detail Biodata of Key Personnels, along with attested copies of Qualification documents of Experience in the various fields(i)-Structural-preference shall be given to M-Tech/P.H.D in Structure .
3. Project Executed in the past 3 years as consultant for above catagaries
4. Name of Client, Scope of works, Estimated value of executed works, Completion period
5. Capabilities, No of Engineers / Technicians, Planner, Designers employed by the Firms.

Preset scope for consultant :-

All the estimates, details of quantities, detailed design ,reports and any other details envisaged under this agreement including drawings-, structural , electrical, Air conditioning & Fire fighting or other services (Internal and External) should be supplied both by the Consultant without any extra cost. Apart from submitting the hard copies, soft copies of all the drawings, details, designs shall also be submitted to the UPRNN LTD. For UPRNN LTD. 's' record & future reference at no extra cost .

1. All such drawing and copies as are required to be submitted to the local authorities, Fire Department & Director Electrical Safety for approval of drawings and construction and for sanctioning all service connections, including all drawings required for resubmissions incorporating any changes or amendments required by such authorities .
2. Two sets of all drawings for contractors of various trades
3. Two sets of all drawings for clerk of works/ Site Engineer
4. One set of drawings for H.O Records, & 04 set of drawings for Detailed Estimate.
5. One set of structural drawings, design & Calculations shall be got vetted from IIT/NIT..
6. One set of Services drawings ,design & all Calculations shall be got vetted from IIT/NIT.. & One set of hard copy & One set of soft copy vetted calculations & designs shall be submitted to H.O for Record.

NATURE OF WORKS :-

- A- STRUCTURAL DESIGN:-** Load bearing and framed structures Building of different classes Residential and Non Residential Building and different types of works such as Medical collages, Universities, Para medical Institutes, Engineering colleges etc.
- B- (i)- SERVICES :-** Internal & External Water supply system, Storm water Drainage, Sewage Treatment Plant and Overhead Tank & Distribution system, Road sewer and culvert & Horticulture
- (ii)- FIRE FIGHTING/ FIRE ALARM -** Fire Hydrant, Automatic Fire Alarm, Smoke extractings & Sprinkler system as per National Building Code.
- (iii)- ELECTRICAL SERVICES :-** Design of Internal and External Electrification, H.V.A.C System for Buildings. Design of Electric sub-station, Electric Distribution including Power backup etc.
- C- QUALITY CONTROL CONSULTANT:-**
- **Quality control consultant will ensure site visit of Team from IIT, CBRI, NIT for third party quality control on regular interval.**

Appendix A:

Description of the Services & Deliverables by the Consultants

Description of Services to be delivered:

As the project is architecturally conceived, designed and going to be certified for the architectural and structural integrity by the Project Architects, the Services to be delivered under this consultancy contract have to be complementary to that of the Project Architect. While the Project Architect shall be responsible for occasional site supervision, certification of contractor's bills etc. the services under this consultancy contract shall comprise following activities. Before commencement of the work, study of site drawings, contract documents, provision of schedule of quantities and report to RNN in case of any deviations.

1. **Construction Supervision work:** Consultant will supervise the execution of the work so as to ensure that all work is carried out in accordance with the tender/contract specifications and construction drawings. Consultant will maintain check lists for the major items of work which record the observations made during each inspection. Any deviations made from accepted specifications and drawing during constructions will be recorded. For the full time site supervision works, Consultant will provide adequate number of qualified technical staff of different categories for different durations as required at various stages of construction period as stated in Agreement
2. **Construction Material:** Consultant will ensure that all the materials to be used in the works are tested as per the requirements given in the specifications. Consultant will also maintain a record of the various test reports.
3. **Labour, Machinery, and Equipment requirement:** Consultant will monitor the adequacy of executing agencies site establishment in respect of technical and supervisory staff, labour force, machinery and equipment, material procurement, etc., in order to complete the works as per time schedule. Consultant will maintain daily reports on labour, plant, and materials etc.
4. **Monitoring progress:** Consultant will monitor the progress of various works at site, prepare physical progress reports and suggest ways and means of achieving the target progress of works.
5. **Progressing Report:** Consultant will submit monthly progress reports reviewing work done since the last report, and all outstanding problems that are likely to affect either cost or time to completion of the project.
6. **Records:** Consultant will maintain records of all the meetings that take place at site. Consultant will also maintain a Site Order Book which records all the instructions given to the Contractor by the Architect or by the Consultants during their site visits. **Other statutory documents/records as desired by CVC for its inspection at site shall be maintained at site by Consultant and made available to client when ever asked for and handed over to client at the end of the project. Enabling assistance during intensive examinations by CTE.**
7. **Site visits of Architects/Consultants:** Consultant will co-ordinate site visits by various Consultants as and when required in order to clarify the details given in the drawings and specifications.
8. **Defects:** In case any defects are found in the work carried out by the Contractor, Consultant will record them in a **Defects Register** and ensure that the Contractor rectifies these defects immediately and will be reported.
9. **Measurement of work:** Consultant will verify all the measurements taken by the Contractor. Consultant will ensure that the Contractor maintains a Measurement Book recording all the measurements. This book will be countersigned by Consultant's representative.
- 10.

10. **Certification of Contractors Measurements:** Consultant's site staff will certify measurements of all bills submitted by the contractors and forward to Consultant's head office for issuing certificate of payments in favour of contractors. The consultant shall strictly enforce and follow the procedure & sequence of recording measurements, submission of bills by the contractor as envisage in the relevant General conditions of construction contract. The status shall be recorded in every weekly progress review meeting.

11. **Post Construction Stage:** Consultant's essential work in this phase will be assembling of all drawings and essential documentation to be preserved for achieves, so that all information pertaining to the construction is available for subsequent examination at the time of undertaking any future modification or repair.

12. **Maintenance Manual:** Consultant will also draw up and prepare a maintenance manual for the buildings and any plant, machinery, or equipment which has formed part of Consultant's services. A maintenance program of inspection and regular renewal of certain items (such as painting and waterproofing) or replacement of certain items of equipment will be proposed with the maintenance work done to be reviewed annually.

Deliverables by the Consultants:

1. Consultants shall call for meeting with Architect, contractor and client to monitor progress and to discuss difficulties and solutions. Consultants shall draw minutes of the meeting and monitor defect correction and decisions taken during the meeting for remedial action. Regular progress Review meetings shall be conducted at fortnightly intervals.
2. Consultants shall be required during construction phase to provide the supervision and sufficient technical assistance.
3. Consultants will act as technical representative of the client.
4. The Consultants shall exercise powers and authority as well as perform duly, all the duties, liabilities, functions and obligations as (i) 'The Engineer' (ii) 'The Engineer's Representative' as defined in the Agreement between the UPRNN and the Contractor for the work.
5. The Consultants shall be required, during the construction phase to provide the field supervision and sufficient technical assistance (staff) for check on quality control of the work at site. Competent technical staff required to be deployed by the Consultants at all levels shall be got approved before commencement of work. The Consultants shall furnish bio-data of each Engineer proposed to be deployed at site. For this purpose, the Consultants shall have to post at the site of work and provide the agreed necessary and adequate technical staff for supervision and exercising adequate and constant day-to-day technical supervision over the construction including giving layout, its checking, checking requirements of materials and their procurement in time, confirming to approved specifications and accepted standards. Submission of weekly or fortnightly progress report as per the directions of the UPRNN, submitting

recommendations of extra items including maintaining necessary site records containing data in support of the same, carrying out field test, on materials, structures, etc., and maintaining, adequate records thereof and certifying the bills for payment to the Contractors, including recommendations of extension applications, extra items, variation statements, quality control check for final bills, etc., on the forms prescribed or approved by the UPRNN

6. Ensure proper establishment of field laboratories by the Contractors to conduct laboratory tests on materials for construction such as cement, steel, bricks, etc. Essential gauges, instruments etc., should be got calibrated periodically. The Consultants shall maintain necessary site records and obtain data in support of the same. He shall arrange to have field and laboratory tests carried out on materials of constructions as well as partially or completely erected structures etc., and maintain adequate records thereof. Suggesting modifications, if any, due to site conditions and advising regarding cost variations, on account of extra items and excesses.
List of Mandatory Testing of Materials -Consultant shall ensure that those of all contractors, subcontractors and suppliers employed on the Project comply in full with these objectives and priorities and as specified in the specifications. Report of test results to be submitted fulfilling the
7. Ensure close co-ordination with Architects and other concerned professionals appointed directly by the UPRNN regarding modifications in designs, if any, as also for regular and timely flow of working drawings/instructions.
8. The Consultants shall ensure that all observations made during the periodic visits by the Architects/Engineers about the quality of the work are attended to by the Contractors.
9. The payment shall be made by the UPRNN on the basis of certificates issued by the Construction Supervision Consultant.
10. Monitoring progress by using appropriate methods of control such as Computerized PERT/CPM/BARCHARTS, submission of progress reports of work executed monthly. Both financial and physical progress reports with reference to pre-fixed targets will be prepared. Constant review of progress within present time and cost parameters will have to be done. The Consultants will have to suggest improvements from time to time and it will submit monthly progress report during the work.
11. Complete administration and management of contract during Defects Liability Period, and payment of final dues to the Contractors
12. Obtaining from Architect two sets of 'As-built' drawings for the work and the services on reproducible paper and certifying the same.
13. Obtaining from the Architect 'Maintenance Manual' for the buildings and all the services pertaining to the project.

14. Verification of work on completion and issue of completion and issue of completion certificate: The Consultants will prepare this certificate and furnish the same to the UPRNN through Architect.
15. Verification by taking and recording joint measurements of the final bill to be submitted by the contractors, preparation and finalization of final bills as per the terms and conditions of Contract agreement for release of final payments by UPRNN
16. Reporting the the Qty of variations in the items likely well in advance obtaining approval for extra, substituted and extra items before execution/payment and finalizing as per contract provisions..
17. Advising the UPRNN with regard to extra claims/disputes, if any and work in hand with the legal department of UPRNN, Bombay/Legal Consultant/Advisor till the expiry of the Defects Liability period.
18. Rendering generally as Consultant, all technical services as may in any way relate to or arise out of the construction of the said work as have been entrusted to the Consultants by the UPRNN.
19. The Consultants shall collect and deliver to the UPRNN any specific written warranties or guarantees given by others, including all required trade contractor guarantees and warranties.
20. To work as conciliator in the event of any disputes arising between the parties before the matter goes to legal forum.
21. The consultant shall be liable to client for the performance of services in accordance with the provision of this contract and for loss suffered by client as a result of default of the consultant in such performance.
22. Inspecting the completed works ready for handing over, preparing defect list and got it done and handing over the flats to RNN with all requisite documents.
23. UPRNN has established a number of objectives and priorities to guide Consultant and other contractors in implementation of the Project. These are set out in provisions of Contract Agreement, such as:
 - ☒ Safety in construction and operations;
 - ☒ Governing laws and regulations;
 - ☒ Completion schedule;

Appendix – B

Documents to be maintained at the site office for Inspection.

1. a) Press cuttings, (including extended dates, if any.) for pre-qualification of Architects/Consultants; for Pre-qualification of Contractors; for Call of tenders.
b) Register of sale of tenders
c) Register of opening of tenders.
2. File giving reference to Financial Sanction and approval of competent administrative authority- Preliminary estimate.
3. Copy of detailed estimate and its Technical Sanction by competent technical authority.
4. Approval of NIT (Notice inviting tenders) in original
5. Rejected tenders and comparative statements for:
 - a) Selection of architects/ Consultants
 - b) Short listing or pre-qualification of tenders.
 - c) Other tenders.
6. Justification statement and corresponding nothings in support of tenders/offer accepted.
7. Details of negotiations, if any, made before acceptance of tenders.
8. Original contract with consultant / contractor.
9. Guarantee Bond etc. towards security for work, machinery/ mobilization advance etc. including extension of validity.
10. Insurance policies fro work, materials equipment, men etc. including extension of validity.
11. Guarantee for water tightness, termite proofing etc.
12. Standard specifications.
13. Standard schedule of rates.
14. Drawings – Architectural, Structural and Services.
15. All connected measurement book, level books field books and lead charts.
16. All running account bills with all connected statements / vouchers.
17. Statements showing details of check of measurements by superior officers-copies of order laying down such requirements.
18. Materials at site accounts/cement, steel, bitumen, paints, water proofing compound, pig lead, anti termite chemical etc.
19. Site order book, test records/ log books

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20. Details of extra / substituted items and of deviated quantities being executed / considered for execution in the work along with analysis of rates.

21. Hindrance registers.

22. Office, correspondence files and inspection note, if any, issued by inspection officer.

24. Any other documents relevant the works.

25. The following details will form part of contract that will be submitted by Consultants

A: Daily

- a. Daily Labour report employed by contractor and the activities of work
- b. Daily Safety report of the labour employed

B: Fortnightly:

- i. Receipt of Drgs
- ii. Approval of Construction/Service materials
- iii. Site Hindrance
- iv. Statement of payment of wages to contract labour (Ref General conditions of contract)

C.MONTHLY

A] Details of payments in proforma schedule as given below:

Sr.No. Of Bill	CR.N o date	Account payable				Total	Chequ	Details of disbursemen and					
		On A/c paym ent	Adv. Paym ent	Secur ed Advan ce	Mobili zation Advan ce			I.Tax	Cost of materi al	Secur ed advan ce	Mob. Adv	Deposit	

Name:

Signature:

B] Cement consumption statement in proforma schedule as given below:

Last date of measurement	Theoretically required	Actually consumed	Recovered	Remarks

Name:

Signature:

C]Steel consumption statement in proforma schedule as given below:

Tor Steel Dia in mm	8	10	12	16	20	Contd..
Qty procured						
Qty measured for payment						

Qty balance at site

Note: If mild steel, structural steel is used, information may be furnished in similar fashion for various sections

Name:

Signature:

D) Statement of Tests of Materials in Proforma schedule as given below:

Sr. No	Material	Qty used in the work during the period x	Description of test as per BIS/ agree ment	Frequency of test as per BIS/ Agree ment	No. of tests		Lab where tests conducted	Whether lab approved by govt.	Status of test Pass/ failed	If failed what action taken	Recovery for proposed for shortfall/ failed results
					Reqd	Conducted					

E) Key Personnel provided during month for the for the project

Description of Job	Qualification & Experience	No of Personnel to be Deployed as per Contract during the month	No of Personnel actually Deployed during the month	If less whether Recovery effected as per CC	Remarks

Name:

Signature:

F) Variation in Workorder qty

Sl. No	W.O Item No	Brief Description	Unit	W.O Qty	Executed qty upto date	% of variation	Reason	Action Taken

G) SAFETY REPORT

Description of Activity	Type of Safety preventive measures to be compiled	Type of Safety measures complied by contractor	Whether any lapses observed during the period & Measures taken by the	Action taken for non compliance	Any Accident reported during the period & action taken	Remarks

Contractor

Name:
Signature of Safety Officer of
Contactor

Name:
Signature of Safety
Officer of
PMC

Signature of
Project Manager

H) LABOUR WELFARE

1. Report for the protection of health and sanitary arrangements for workers employed as per Model Rules of General Conditions.
2. Certificate of payment of wages as per Contract labor Regulations of General Conditions
3. Report of Labour records and inspection carried out.



महाप्रबन्धक (कन्सल्टेंसी)
उ० प्र० श० लि० नि० लि०

G.M(Consultancy)