

T-03/2014-15/662/NMCG /112
National Mission for Clean Ganga
National Ganga River Basin Authority
MoWR, RD&GR

1st Floor,
Major Dhyanchand National Stadium
Opposite: India Gate
New Delhi-110002
Dated: 23rd June, 2017

OFFICE MEMORANDUM

**Subject: Utilization of Services of Empaneled list under the MoEF&CC for Third Party
Appraisal (TPA) evaluation of DPRs for project related to NGRBA/NMCG.**

The undersigned is directed to refer letters of offers of empanelment conveyed to independent institute for evaluation of DPRs for projects on the subject mentioned above. The term and condition/TOR for the task of evaluation and payment to empaneled Institute will adhere to the office memorandum no. A-12011/34/2009/NRCD, dated 29.11.2010. The validity of empanelment has been extended for a period of one year from 13.02.2017 with reference no. T-03/2014-15/662/NMCG. To escalate the TPA process, few new Institutes (last enclosed) also have been included in the empaneled list with same term and conditions for utilization there services for Third Party Appraisal (TPA) evaluation of DPRs for project related to NGRBA/NMCG. The empanel list will remain in operation till further order and can be modified/changes in accordance to any changes in the empaneled list of NMCG, MoWR, RD&GR.

This issues with the approval of the Competent Authority.


(Dr. Pravin Kumar)
Director T-III, NMCG

Enclosure:-

- 1) List of Consultants/institutions
- 2) Office Memorandum dated 29.11.2010 of MoEF & CC.

Copy to: for information please

- I. PS to Hon'ble Minister of WR, RD & GR
- II. PS to Secretary, WR, RD & GR
- III. PS to DG, NMCG
- IV. PS to EDS (All)

List of Empaneled Institutions/agencies

Sl. No.	Name of Institute	Name of representative whose consent have been received	Contact details
1	Civil Engineering Department Indian Institute of Technology Guwahati Guwahati – 781039	Dr. Subashisa Dutta	Tel: 361- 2582401, 2415 Mob: subashis@iitg.ernet.in , hodcivil@iitg.ernet.in
2	Motilal Nehru National Institute of Technology Allahabad Teliarganj Allahabad - 211004	Prof. Rajiv Tripathi	Tel: 532-2545190/2271002 Mob: 9415014473 director@mnnit.ac.in rt@mnnit.ac.in
3	Engineering & Technology Jamia Millia Islamia Jamia Nagar New Delhi – 110025	Prof. Gauhar Mahmood Dr. Abid Ali Khan	Mob: 9810670782 gmehmood@jmi.ac.in Mob: 9650191192 akhan@jmi.ac.in dee.abid@gmail.com
4	ENVIS Centre Centre of Mining Environment Department of Environmental Science and Engineering Indian Institute of Technology (ISM) Dhanbad- 826004	Prof. A.K. Singh	Tel: 923- 2296624/2235285/2296625 Fax: 326-2296624 cme@ismdhanbad.ac.in
5	Indian Institute of Technology Delhi Hauz Khas New Delhi - 11 00 16	Prof. A.K. Nema Dr. Arun Kumar	aknema[at]civil.iitd.ac.in akumar[at]civil.iitd.ac.in
6	Harcourt Butler Technical University Nawabganj Kanpur - 208 002		
7	University School of Environmental Management Guru Gobind Singh Indraprastha University Sector - 16C Dwarka Delhi – 110078	Prof. Anubha Kaushik	Tel: 011-25302360, 25302362 Fax: 28035243 Aks.es.10@gmail.com
8	Delhi Technological University Shahbad Daultapur Main Bawana Road Delhi-110042	Prof.S.K. Singh Dr. Anil Kumar Haritash	Singhsk@gmail.com , sksinghdce@gmail.com
9	Faculty Offices Building, Doon University Mothrowala Road, Kedarpur P.O. Ajabpur, Dehradun Uttarakhand – 248001	Dr. Surendra Singh Suthar	suthariitd@gmail.com
10	Centre for Environmental Science and Technology Central University of Punjab City Campus, Mansa Road Bathinda Punjab – 151001	Prof. V.K Garg	Tel: 164-2864106 registrar@cup.ac.in

11	Environment and Sustainability Department CSIR- Institute of Minerals and Materials Technology Council of Scientific & Industrial Research Bhubaneswar Odisha - 751 013	Dr. Asheesh Kumar Yadav	Mob: 9439914320 asheesh@immt.res.in
12	Institute of Environment & Sustainable Development 109, Central Office Banaras Hindu University Varanasi	Prof. Kavita Shah Dr. Rajeev Pratap Singh	Tel: 0542-6307225 Mob: 9450955423 kavitashah@ghu.ac.in Mob: 9935912997 rajeevprataps@gmail.com rps.iesd@bhu.ac.in
13	National Institute of Technology Patna Ashok Rajpath Patna – 800005	Dr. N.S. Maurya Prof. Vivekanand Singh	nsmaurya@nitp.ac.in vsingh@nitp.ac.in
14	National Institute of Technology Delhi A-7, Institutional Area Near Satyawadi Raja Harish Chandra Hospital Narela Delhi-110040	Dr. Kapil Sharma	+91 8755604422 kapilkumar@nitdelhi.ac.in
15	National Institute of Technology Campus Hanamkonda Telangana 506004		
16	Department of Civil Engineering Department Z H College of Engineering Technology Aligarh Muslim University Aligarh – 202002	Dr. Nadeem Khalil	Tel: 0571-6555657 Mob: 9358258350 krnadeemkhalil@gmail.com nkhalil.cv@amu.ac.in
17	Civil Engineering Department Indian Institute of Engineering Science and Technology, Shibpur (Formerly Bengal Engineering and Science University, Shibpur) P.O. - Botanic Garden, Howrah- 711103	Dr. Debabrata Mazumder	Tel: 033-26683223, 26684561 (Ext 281) Fax: 033-26682916 e-mail:
18	Housing and Urban Development Corporation HUDCO Bhawan, core & A India Habitat Centre Lodhi Road New Delhi	Dr. R. K Singh	
19	Director Development Environment Protection Training and Research Institute (EPTRI) 9174 Gachibowli Hyderabad Andhra Pradesh – 500032	Shri S.D. Mukherji Shri Venkat R. Puranam Shri Sudhanshu Goel	Tel: 40-23180112/23180132 Fax: 40-23180135 Mob: 9885236493 sdmukherji@gmail.com
20	Civil Engineering Department IIT - Banaras Hindu University Varanasi – 221005 Uttar Pradesh - India	Prof. Prabhat Kumar Singh Prof. Goutam Banerjee	Tel: 0542-2366711 Mob: 08004930558 headesdbhu@gmail.com
21	Deptt. of Civil Engineering IIT Khargpur Kharagpur	Prof. M.M. Ghangrekar	Tel: (Off)- 3222-283440 Tel: (Res.) – 3222-283441

	West Bengal		ghangrekar@civil.iitkgp.ernet.in
22	Civil Engineering Department/AHEC Indian Institute of Technology IIT Roorkee Uttarakhand	Dr. A.A Kazmi Prof.Arun Kumar	Tel: 01332-285725 Mob: 9837262698 Tel: 01332-285821 Mob: 9837016916
23	School of Water Resource Engineering Jadavpur University Kolkata – 700032	Dr. Asis Mazumdar	Tel: (Off): 033-2414-6161/6979 , 033-2414-666 Extn. 2485 Fax: 2414-6161/6886 asismazumdar@yahoo.com
24	Environ Biotech Management National Environmental Engineering Research Institute Nagpur – 440020	Dr. Ritesh Vijay Mr. Suresh Kumar	Mob: 9422803805 Tel: 712-2249885 r_vijay@neeri.res.in riteshvijay@gmail.com Mob: 712224988690, (ext. 399) 7122224652 Ms_kumar@neeri.res.in , drmsureshk@yahoo.com
25	Urban Engineering Department Environment Division RITES Bhawan No. 1 Plot no. 1, Sector 29 Gurgaon 122001	Shri Akhilash Ranjan	Tel: 0124-2818926

Terms of reference

Schedule a Description of Project Appraisal Services to be provided

1.1 Objective

To appraise the Detailed Project Reports (DPRs) related to programmes for prevention, control and abatement of pollution in the river Ganga under the National Mission for Clean Ganga (NMCG) programme. These include DPRs for works relating to maintenance of river ecology, maintenance of ecological flows in the river, augmentation of sewerage infrastructure, catchment area treatment, protection of flood plains, promotion of water conservation practices, including recycling and re-use, rain water harvesting, maintenance of water quality, river front development, etc.

1.2 Scope of Work

The Consultant Institution (CI) is required to appraise the DPRs through interactive process including visits to the proposed sites. The CIs will be required to undertake minimum one site visit for two persons. The detailed appraisal shall be broadly for the following aspects:

- a. Technical feasibility and Design Criteria
- b. Reasonability of cost estimates & financial viability,
- c. Impact on environment
- d. Rehabilitation, statutory compliances and social safeguards &
- e. Sustainable O&M of assets to be created through a well devised O&M plan

The CI will ensure that

- The projects meets the present and future requirements of the town/area in terms of services and utilities, over an approved time horizon to be agreed upon.
- The specifications of technical parameters and technical designs are sound, realistic and technically feasible;
- The cost estimates are prepared as per the latest PWD/CPWD Common Schedule of Rate (SOR) / scheduled rates specified by various Central/State regulatory authorities for specific projects of the respective States / budgetary estimates based on market rates, and are reasonable;
- The Project as a whole is financially & economically viable.
- The Project has synergy with other ongoing / project schemes
- The implementing agency has sound organizational capacity to execute the project as per the implementation schedule given in the report and raw materials and other inputs required for the Project have been tied up,
- Impact on environment, if any, is being taken care of to minimize any adverse impact (DPR should address social and environmental impacts with mitigation measures. Special attention is required to be paid to the services to poor and the vulnerable including those required to be resettled, moreover, the consultant should quantify the environmental impact (to the extent possible);
- The various statutory clearances, as applicable have been obtained or application filed with the competent authorities; and
- Any other inputs/remarks/suggestions for sound and successful implementation of the project.

2. Deliverable

- a) The CI is required to discuss the preliminary observation/ comment on Detailed Project Reports (DPRs) with the NMCG and the Implementing Agency within 10 days of award of work for clarification/compliance by the implementing agency.
- b) The Final Project Appraisal Report along with the proper certification of the technical, financial, environmental and quality wise feasibility containing the details as per Appendix-I to this Schedule, shall have to be submitted within four weeks of award of work.
- c) To provide clarifications and assistance, as and when required by the NMCG till the sanction of the project (s).

Prices, Taxes, Duties

(a) Prices

For projects of up to Rs. 50 crore, the reimbursement to the consulting institutions will be **Rs. 1.50 lakh** per project. For projects costing between Rs. 50 to 150 crore, the reimbursement will be **Rs. 2.00 lakh** and for project above Rs. 150 crore the reimbursement of **Rs. 2.50 Lakh will be payable.**

(b) Service Taxes extra as per the actual.

(c) Travel cost will be extra on actual basis, as per entitlements of the Consultants in his organization, subject to a ceiling of entitlement of Executive director in NMCG. The travel cost will be for a maximum of two persons and for at most 2 visits.

Schedule B Terms and conditions:

1. NMCG shall provide a copy of the Details Project Report (DPR) along with a soft copy to CI.
2. The CI shall discuss the Preliminary observations/comments on the DPR with Implementing Agency (IA) and NMCG officials within 10 days of award of work and hand over the same to the IA for clarification/compliance.
3. Validity of Contract Period of the agreement running price contract shall be valid for the period up to 31.03.2018
4. Time for Submission of Final Appraisal Report:
Detailed Project Reports received by the NMCG during the validity of contract will be assigned to the selected CI of the sub-sector to which the DPRs pertain to. The appraisal of the DPR assigned is to be completed within four weeks from the date of receipt of DPRs, by CI or in a time frame as may be fixed by NMCG. This time period shall be inclusive of time required for undertaking visits to sites etc. Decision on approval of the final appraisal report will be conveyed by NMCG within a period of 10 days from the receipt of the report.
5. Site visits:
CI shall make site visits, if necessary, for appraisal of the project, with intimation to NMCG. The CI will have to make necessary arrangements for site visits in consultation with the IAs including travel and stay arrangements.
6. Payment Schedule
Schedule for release of payment for the study shall be as follows:

SL. No.	Description	Amount (Percentage of the total cost)
1.	Initial payment at the time of allotment of work.	25
2.	On submission of the Appraisal Report.	50
3.	On approval of the Appraisal report.	25

7. Liquidated Damages (Penalty Clauses)

- If the CI requires an extension of time in completion, he shall apply in writing to the NMCG before the stipulated date of submission of appraisal report. Extension in the period may be granted with or without liquidated damages by the NMCD.
- In case of extension in the period with liquidated damages the recovery may be made on the basis of following percentages of claim amount which the CI has delayed.

No.	Condition	LD Percentage
A	Delay up-to one fourth period of the prescribed period of deliverable.	2.5%
B	Delay exceeding one fourth but not exceeding half of the prescribed period of deliverable.	5%
C	Delay exceeding half but not exceeding three fourth of the prescribed period of deliverable.	7.5%

Annexure – I

- Introduction
- Implementing Agency background
- Project Details

- I. Structure
- II. Purpose and Scope
- III. Location & Site
- IV. Works proposed
- V. Technology/Brief Technical Specification
- VI. Availability of Projects/Inputs
 - Land
 - Power
- VII. Environment Aspects
- VIII. Social and gender issues
- IX. Implementation Schedule
- X. Status of Approvals and Preparedness

4. Commitments regarding share of State government (if any)

5. Project Cost & Means of Financing

- I. Components of Project Cost
- II. Project Cost Comparison
- III. Means of Finances
- IV. Equity from State govt. / Urban local bodies /Private (if any)
- V. Phasing of Exp. Etc.

- 6. Income /Tariff**
- 7. Cost benefit analysis & physical benefits**
- 8. Risk Analysis & Mitigation Mechanism**
- 9. Conclusion**