

Expression of Interest (EOI)

Appointment of PMC Agency for Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal

Letter of Invitation:

CSIR-Central Building Research Institute
Roorkee – 247 667

No.: __CBRI/PBD/PMC/118_____ Dated 19.012021

Dear Sir/Madam,

CSIR-CBRI invites sealed Expression of Interest (EOI) from **PMC Agency for Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal.**

The EOI document containing the details of qualification criteria, submission requirement, brief objective & scope of work, and method of evaluation etc. is enclosed.

EOI document is also available on this institute's website, i.e., www.cbri.res.in.

Query is if any may be preferred in writing to Head-PBD, CSIR-CBRI, Roorkee-247667 or telephone no. 01332- 283287 or at email: pbd@cbri.res.in

Important dates are as under: _

S. No.	Critical events	Date	Time
1	Publishing date	20.01.2021	
2	Bid submission end date	15.02.2021	
3	Bid opening date	16.02.2021	

Yours Faithfully,

Head-PBD,
CSIR-CBRI, Roorkee

Encl.: EOI Document

1. Background:

CSIR – CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE, located at Roorkee– 247667, Uttarakhand is a constituent laboratory under Council of Scientific and Industrial Research (CSIR), a society incorporated under Society Registration Act of 1860, having their office at Anusandhan Bhawan, Rafi Marg, New Delhi - 110 001, herein after referred to as “**CSIR-CBRI**”

In order to perform construction management, supervision and progress reporting of 147 Health Buildings in earthquake affected districts of Nepal ; CSIR-CBRI Roorke, envisaged for appointing a PMC. Most of the Buildings are RCC frame of 1, 2 or 3 storey having lab, toilet block etc.

2. Objectives of the Assignment

To reconstruct/retrofit 147 Health Buildings in earthquake affected districts of Nepal in line with GoN’s Guidelines and disaster-resilient standards, equipped with water and sanitation facilities, including gender-specific toilets, disabled and child friendly features and laboratories.

3. Scope of Assignment

The present scope is essentially divided into the following two phases:

Phase I: Project Management, Construction Supervision, Reporting and Monitoring of Progress

Phase II: Post-Construction Inspection/Defect Liability Period

4. Current Status of the Project

- a. Planning, Design (along with all architectural, structural and MEP related construction drawings) and BOQ for all the sites have been completed.
- b. Tender process is in progress. The work for these Health Buildings is likely to start from April 2021.
- c. Presently CSIR-CBRI Scientists and Consultants are liaising with CLPIU BUILDINGS Buildings, GoN Officials for clearance from competent authority.
- d. CSIR-CBRI scientists/engineers are monitoring the ongoing activities at project sites
- e. Appointment of Project Consultant by CSIR-CBRI is in progress and likely to be completed by the end of March 2021.
- f. The PMC duration will be **30** months including DLP Period (12 months) from award of work, which may be extended without any additional Cost/liability on CSIR-CBRI, in case of delay in construction process.

The Director, CSIR-Central Building Research Institute, Roorkee-247667, Uttarakhand, India invites EOI from reputed Project Management Consultants for **Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal** and guide the contractors from time-to-tome to achieve quality construction.

For further detail, Kindly visit enclosed documents at:

(URL: www.cbri.res.in)

5. Validity of Offer:

The offer of EOI as per this document shall be valid for a period of three (3) months initially, which may be extended further if required by Director, CSIR-CBRI, Roorkee.

6. Terms of Reference:

The detailed Term of Reference (TOR) is enclosed at **Annexure-1**.

7. Instructions to Consultants:

The EOI is to be submitted offline along with all information as detailed below:

- a) Applicant's Expression of Interest as per **Format-1**.
- b) Organizational Contact Details as per **Format-2**.
- c) Experience of the organization as per **Format-3**.
- d) List of three(3) experts/consultants on payroll as per **Format-4**.
- e) Financial strength of the company as per **Format-5**.
- f) Compliance sheet as per **Format-6**.
- g) Other documents as per compliance sheet (**Format-6**).
- h) Declaration as per **Format-7**.
- i) Integrity Pact **Format-8, signed on each page**
- j) Power of Attorney in favor of Authorized Signatory with long and short signature of Authorized person.

EOI documents have also been hosted on the website www.cbri.res.in. The bidders are expected to examine all instructions, forms, terms and other details in the EOI document carefully. Failure to furnish complete information as mentioned in the EOI document, or submission of a proposal not substantially responsive to the EOI document in every respect, will be at Bidder's risk and may result in rejection of the proposal. All forms / formats enclosed with EOI shall be submitted offline to Director, CBRI, Roorkee. In case firm feels necessary to submitted any other document which is not possible to upload easily may be send through off line mode to CSIR-CBRI, Roorkee.

8. Qualification Criteria:

Following will be the minimum pre-qualification criteria. Each eligible consultant should possess all the following pre-qualification criteria. Responses not meeting the minimum pre-qualification criteria will be rejected and will not be evaluated.

Sl. No.	Pre-qualification criteria	Supporting compliance document
i.	The applicant shall be a Firm/ Company/Partnership/JV/Proprietorship firm registered under Indian Companies Act,1956 / the Partnership Act,1932 and who have their registered office in India .	Copy of Certificate of Incorporation and Partnership Deed
ii.	The bidder has to be profitable, and should not have incurred loss in any of last 3 consecutive Financial Years (2017-18, 2018-19 and 2019-20).	Format-5 to be certified and validated by Chartered Accountant (CA) with CA's registration number, signature and stamp. (preferably in English or Hindi)
iii.	The Bidder should have an annual turnover of Rs. 600.00 Lakh in each of the last 3 consecutive financial years (2017-18, 2018-19 and 2019-20).	CA certificate, with CA registration number, signature and stamp. (preferably in English or Hindi)
iv.	The Bidder shall have experience of providing: (1) Three similar completed services costing not less than Rs. 240.00 Lakh. (OR) (2) Two similar completed services costing not less than Rs. 360.00 Lakh. (OR) (3) One similar completed service costing not less than Rs. 480.00 Lakh.	Copy of completion certificate OR Copy of work order and /or Phase completion certificate + self certificate (certified by Statutory Auditor)
v.	The consultancy Firm should have at least 3 full time consultants on its pay roll.	Certificate by Statutory Auditor or Company Secretary of the Bidder's organization.
vi.	The Firm should not be blacklisted by any Central Govt./State Govt./PSU/Govt. Bodies/any other body.	Certificate signed by authorized signatory in Format-7.
vii.	PAN no./GST Registration Certification	Copy of Certificates to be enclosed.

9. Evaluation Criteria and Method of Evaluation:

- a) Screening of EOIs shall be carried out as per eligibility conditions mentioned in this document and based on verification of testimonials submitted.
- b) EOI will be evaluated for short listing inter alia based on their past experience of handling similar type of project, strength of their man power, financial strength of firm and presentation / proposal to the selection committee whose decision will be final.
- c) Agencies who qualify as per the eligibility conditions will be provided a brief about the construction of Buildings in Nepal. The agencies may be required to make a presentation, if required to a selection committee show-casing their proposals.
- d) CSIR-CBRI, Roorkee will take up references and reserves the right to pay due heed to the Bidder's performance elsewhere and any past experience.
- e) Short listed agencies will be issued Bid Documents and asked to submit their Technical & Financial proposal in a sealed envelope.

10. Qualification criteria and their weightages

Sr. No.	Criteria	Weightage
	Sub-Criteria	CriteriaTotal
i.	Past experience of the consultant (track record) <ul style="list-style-type: none">• Number of years' relevant experience• Overall projects executed in capacity of	60%
ii.	General profile of qualification, experience and number of key staff (not individual CVs) <ul style="list-style-type: none">• Qualifications• Relevant experience	20%
iii.	Overall financial strength of the consultant in terms of turnover, profitability	20%
	Totals	100%

The Agency who secure minimum 70% marks will be shortlisted.

11. Response:

Bidders must ensure that their Bid response is submitted as per the formats attached with this document. Response in other format may be rejected. Special comments on the objectives and scope of the service projected in the enquiry may also be submitted along with the offer.

12. Conflict of Interest:

Where there is any indication that a conflict of interest exists or may arise, it shall be the responsibility of the Bidder to inform CSIR-CBRI, detailing the conflict in writing as an attachment to this BID.

Delhi International Arbitration Center (DIAC), Delhi High Court, New Delhi will be the final arbiter in cases of potential conflicts of interest. Failure to notify CSIR-CBRI, Roorkee of any potential conflict of interest will invalidate any verbal or written agreement.

A conflict of Interest is where a person who is involved in the procurement has or may be perceived to have a personal interest in ensuring that a particular Bidder is successful. Actual and potential conflicts of interest must be declared by a person involved in a Bid process.

13. Condition under which EOI is issued:

The EOI is not an offer and is issued with no commitment. CSIR-CBRI, Roorkee reserves right to withdraw EOI, and/or to vary any part thereof at any stage. CSIR-CBRI, Roorkee further reserves the right to disqualify any bidder, should it be so necessary at any stage.

14. Only those bidders who are declared qualified in EOI will be allowed to participate in further bidding process.

15. Last date of submission of EOI:

The last date of submission of EOI is __15.02.2021

EOI opening date & time is _____16.02.2021

FORMATS FOR SUBMISSION:

FORMAT-1

APPLICANT'S EXPRESSION OF INTEREST

(to be furnished on the letter head of the organization)

To,
The Director,
CSIR-CBRI,
Roorkee- 247 667

Subject: Submission of Expression of Interest (EOI) for **Appointment of PMC Agency for Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal**

Dear

In response to the invitation for Expression of Interest (EOI) published on <https://eprocure.gov.in>, we would like to express interest to carry out the above proposed task. As instructed, following documents have been filled and submitted:

- a) Organizational Contact Details as per **Format-2.**
- b) Experience of the organization as per **Format-3.**
- c) List of three(3) experts/consultants on payroll as per **Format-4.**
- d) Financial strength of the company as per **Format-5.**
- e) Compliance sheet as per **Format-6.**
- f) Other documents as per compliance sheet (**Format-6**).
- g) Declaration as per **Format-7.**
- h) Integrity Pact **Format-8, signed on each page**
- i) Power of Attorney in favor of Authorized Signatory with long and short signature of Authorized person.

Sincerely Yours,

(Signature of the applicant duly authorized)

(Full name of applicant) _____

Date: _____

Stamp _____

Encl.: As above.

Note: This is to be furnished on the letter head of the organization.

Sl. No.	Organizational Contact Details	
1	Name of Organization	
2	Main areas of business	
3	Type of Organization: Firm/Company/JV/Partnership firm registered under the Indian Companies Act, 1956/ the Partnership Act, 1932	
4	Whether the firm has been blacklisted by any Central Govt. / State Govt./PSU/Govt. Bodies/ Autonomous/ Any other Body. If yes, details thereof.	
5.	Address of registered office with telephone no., fax, email	
6.	Contact person with telephone no. & email id	

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

Experience in Related Fields					
Overview of the past experience of the Organization					
Sl No.	Items	Number of Assignments during last 5 years	Order Value of each assignment in Lakhs of Rs. (Enclose copy of each order)	Mention the name of Client/Organization (enclosed completion certificates)	Copy of order completion certificate enclosed (Yes/No)
a	Experience in carrying out similar assignments in Government/public-sector/PSU				
b	Experience in carrying out similar assignment in Private or any other agencies				

Note:

1. Decision of Evaluating Committee in ascertaining "similar nature" and "similar assignment" will be final.
2. Attach copy of Completion Certificate, OR copy of work order + self-certificate of completion (**certified by statutory auditor**)

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

List of experts/consultants on payroll (at least 3)				
Sl. No.	Name	Designation	Qualification	Relevant Experience
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

Note: the statement should be duly certified by statutory auditor or company secretary of bidder organization.

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

Financial strength of the Organization					
Sl. No.	Financial Year	Whether profitable Yes/No	Annual net profit (in Crores of Rs.)	Overall annual turnover (in Crores of Rs.)	Annual turnover from only Consultancy services (in Crores of Rs.)
1	2017-18				
2	2018-19				
3	2019-20				

Note:

1. *Submit separate sheet of each member firm in case of JV/Partnership firm (maximum 4 partner member firm + 1 lead member), and a consolidated sheet for all member.*
2. *Also, please enclose Chartered Accountant's certificate in support of your claim.*

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

FORMAT-6

Compliance Sheet		
SL. No.	Description of Document of be enclosed	Documents enclosed (Yes/No)
1	Format-1 to 8 complete in all respect and duly signed	
2	Power of Attorney in favor of Authorized signatory with short & long signatures of authorized person	
3	Copy of Certification of Incorporation / Article of Association AND Partnership Deed under Indian Companies Act,1956 & Partnership Act, 1932 respectively	
4	Chartered Accountant's certificate with name of CA, his registration no., stamp & sign regarding annual turnover of Rs. 600 Lakh for last 3 consecutive years (2016-17, 2017-18 & 2018-19)	
5	Copy of Completion Certificate, OR copy of work order + self-certificate (certified by statutory auditor) regarding FORMAT-3 for past experience similar work	
6	Format-4 regarding number of consultant/ expert (minimum 3) on roll, is duly certified by statutory auditor or company secretary of bidder organization.	
7	Chartered Accountant's Certificate regarding FORMAT-5 (Financial Strength) with name of CA, Registration no., Stamp and signature	
8	Copy of PAN no. certificate enclosed	
9	Copy of GST registration certificate enclosed	

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

Declaration

(to be furnished on the letter head of the organization)

We hereby confirm that we are interested in competing for work "**Appointment of PMC Agency for Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal.**

It is to undertake that firm, including partners in JV / Partnership have not been blacklisted by Central Govt/ State Govt/ PSU/ other government body or any other agency.

It is further to undertake that all the information provided herewith are genuine and accurate.

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

INTEGRITY PACT

Between

The Council of Scientific and Industrial Research, a society incorporated under the Societies Registration Act- 1860, having its corporate registered office at “Anusandhan Bhavan”, 2 Rafi Marg, New Delhi-110001 represented by _____ (name of the procuring Entity) hereinafter referred to as “The Principal” which expression shall mean and include, unless the context otherwise requires, its successors and permitted assigns.

And

M/s.....represented by Designated Partner/ Director/ Chief Executive Officer herein referred to as “The Bidder/Contractor” which expression shall mean and include, unless the context otherwise requires, its successors and permitted assigns.

Preamble

The Principal proposes to **Appointment of PMC Agency for Project Mangement & Construction Supervision of 147 Health Buildings in earthquake affected districts of Nepal** at a competitive price in conformity with the specifications, under laid down organizational procedures and the BIDDER/ Contractor is willing to offer/has offered the stores and

The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above. The parties hereto hereby agree to enter into this Integrity Pact and agree as follows

Section 1 – Commitments of the Principal

- 01. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

- b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c. The Principal will exclude from the process all known prejudiced persons.

02. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

Section 2 – Commitments of the Bidder(s)/Contractor(s)

01. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- a. The Bidder(s)/Contractor(s) will not, directly or through any other Person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any Undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, Certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

Copy of the “Guidelines on Indian Agents of Foreign Suppliers” is annexed and marked as Annexure.

- e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract. 02. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences. 03. The person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 – Disqualification from tender process and exclusion from future Contracts

01. If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the “Guidelines on Banning of business dealings”. Copy of the “Guidelines on Banning of business dealings” is annexed and marked as Annex -“B”.

Section 4 – Compensation for Damages

01. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
02. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

01. The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
02. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings.”

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

Section 6 – Equal treatment of all Bidders / Contractors/ Sub-contractors

- 01. The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- 02. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
- 03. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions. Section 7 – Criminal charges against violating Bidders / Contractors/ Subcontractors
- 04. If the Principal obtains knowledge of conduct of a bidder, Contractor or Subcontractor or of an employee or a representative or an associate of a bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Independent External Monitors

- 01. The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 02. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the JS(A), CSIR.
- 03. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) / Subcontractor(s) with confidentiality.
- 04. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- 05. As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 06. The Monitor will submit a written report to the JS(A), CSIR within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations.

(Signature of the applicant duly authorized)

Date: _____

Stamp _____

- 07. Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.
- 08. If the Monitor has reported to the JS(A), CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 09. The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

- 01. This Pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.
- 02. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by JS(A), CSIR.

Section 10 – Other provisions

- 01. This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
- 02. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- 03. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 04. The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.
- 05. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

_____ (For & On behalf
of the Principal) (For & On behalf of Bidder/Contractor) (Office Seal)
(Office Seal)

Place.....

Place.....

Date.....

Date.....

Witness 1: (Name & Address)

Witness 2: (Name & Address)

Details of Independent External Monitor

Sh. Anand Deep 117/363, H-I, Next to Gurudwara Pandu Nagar, Kanpur (UP) 208 005

Ph. 9044796781

Terms of Reference

Part 1 - Background

1.1 The earthquake of 25 April 2015 of 7.8 magnitude and subsequent aftershocks, including the one of 7.3 magnitude on 12 May 2015 caused damage to public infrastructures, including Health and educational facilities.

1.2 During the International Conference on Nepal's Reconstruction held on 25 June 2015 in Kathmandu, Government of India pledged US\$ 1 billion (US\$ 250 million in grant and US\$ 750 million in concessional loan) for post-earthquake reconstruction in Nepal.

1.3 A Memorandum of Understanding (MoU) on *Utilization of the Grant Component of India's Assistance Package for Post-Earthquake Reconstruction in Nepal* signed on 20 February 2016, inter- alia, allocated US\$ 50 million for reconstruction and retrofitting of Health Buildings and facilities. An MoU on *Implementation of the Grant component of India's Post-Earthquake Reconstruction package in the Education sector in Nepal* was signed on 24 August, 2017.

1.4 GON has allotted **147 Health Buildings in different affected districts**, i.e., Dhading, Dolakha, Gorkha, Kavrepalanchowk, Nuwakot, Sindhupalchowk, Baktapur, Rasuwa, Ramechep, Kathmandu and Lalitpur to Government of India (GoI) for reconstruction and retrofitting (List attached).

1.5 The National Reconstruction Authority will be the Executing Agency and the Central Level Project Implementation Unit (CLPIU BUILDINGS) Buildings of the Ministry of Education, GoN will be the Implementing Agency.

1.6 An Indian "Design and Project Management Consultant" (DPMC) is to be engaged for providing overall project management, final damage survey, adapting pre-approved designs to suit the needs of individual Health, preparing site-specific design if pre-approved design is not suitable, approval of new suggested design, preparing tender documents (including bill of quantities), undertaking supervision and quality monitoring of the reconstruction and retrofitting of educational facilities, among other things.

1.7 Consultancy charges shall be paid directly by GoI from within the US\$ 50 million grant assistance.

Part 2 – Objectives of the Assignment

2.1 Design and project management to reconstruct 147 health facilities in-line with GoN's Guidelines by Developing Type Designs for Health Buildings in Nepal on disaster-resilient standards, and equipped with water and sanitation facilities, including gender-specific toilets, disabled and child friendly features and test laboratories.

Part 3 - Scope of Services, Tasks (Components)

3.1 The principal scope of work of DPMC is to achieve and timely fulfill the objective of the project as is stated above and detailed below. The scope of services is not exhaustive but indicative to the overall tasks to be performed by the DPMC.

3.2 The DPMC shall establish central office in Kathmandu and required site offices at suitable locations, for efficient monitoring and reporting of project. Government of Nepal (GoN) shall provide office spaces to DPMC free of cost.

3.3 The DPMC shall work in close coordination with the CLPIU BUILDINGS (Buildings) and Embassy of India (Eol), Kathmandu. CLPIU BUILDINGS (Buildings) shall liaise between the DPMC, contractors and GoN, and shall be responsible for the over-all implementation of project and reporting to the Joint Project Monitoring Committee (JPMC). The CLPIU BUILDINGS (Buildings) will follow up with the concerned authorities, legal, statutory and administrative formalities for obtaining the permits/approvals for construction works prior the start of the implementation.

3.4 The DPMC shall submit monthly reports to NRA and Eol, which shall be put up for review by JPMC. DPMC shall assist CLPIU BUILDINGS (Buildings) to prepare the quarterly progress report and reimbursement request based on physical and financial progress of all projects.

The broad scope of work of PMC shall include; but not be limited to the following:

- Prepare detailed bill and procurement plan for construction activity;
- Evaluation reports for the contract, contract management and monitoring execution of the projects;
- Construction supervision of Health Buildings, both new and retrofitting;
- Management of complex multi-location projects Reporting and Monitoring of project progress (Online and Offline using dedicated Mobile App. with site activity reporting, compliance and documentation features for each site and interactive among the users).
- Assist CSIR-CBRI and CLPIU BUILDINGS Buildings in financial management, contract documentation, checking /verification of measurement book, RA Bill, Abstract, Summary Sheet and certification of technical and financial progress of each site;
- Assist the CSIR-CBRI and CLPIU BUILDINGS Buildings in all aspects of supervision and monitoring of the works in accordance with sound technical, administrative, financial and economic practices and in accordance with the duties and responsibilities assigned as per the contract;
- Submit consolidated site log on work progress on a weekly basis to the Officials of CSIR-CBRI and District-Level PIU.
- Disseminate information on good construction practices to contractors, through reasonable document feedback and address queries, if any in writing through the Project Director, CLPIU BUILDINGS Buildings and CSIR-CBRI;
- Review and recommend approving the detailed work program drafted by the Contractor for each site. CSIR-CBRI shall also provide assistance to the Contractor when needed in the

development of detailed work program. Such assistance includes the coordination with the Contractor and the finalization of this program based on the available resources.

- Monitor, supervise and inspect the quality of the works as to ensure conformity with the Specifications, Bill of Quantities (BOQ), Drawings and design requirements. Review with the officials of CSIR-CBRI and CLPIU BUILDINGS Buildings, architectural drawings to ensure that space provisions and specifications are interpreted correctly so as to minimize changes during construction and to remain in line with contract conditions;
- Provide any needed design, detail, information and clarifications necessary during the implementation phase for the Contractor to be able to carry out the construction works;
- Examine and recommend to approve the implementation plan proposed by the Contractor and ensure systematic and periodic feedback and the regular updating of the plan and resource allocations;
- Obtain from Contractor all necessary documents such as purchase orders, inspection certificates and progress reports, etc. for the CSIR-CBRI's approval and monitor the availability of key resources and materials orders and identify any shortcomings;
- Maintain information relevant to progress, performance, quality, quantity, resources and cost. This information should be incorporated in the monthly report, final measurement and payment certificates;
- Prepare supervision mission reports on work carried out by the Contractor and highlight problems, obstacles, shortcomings and recommendations;
- Expedite submission of monthly and final payment certificates by the Contractor for approval by CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE. These shall be based on measurement of completed works, and the results from inspections and testing;
- Recommend to reject sub-standard work and document any material or test not in compliance with the contract documents;
- Prepare variation orders and submit them to CSIR-CBRI and CLPIU BUILDINGS Buildings for approval prior to issuing them to the Contractor, as per stipulation of the construction contract. This shall include the analysis of the cost of new items of work that may arise during construction and which are not specified in the Bidding documents for approval by the CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE;
- Report to the CSIR-CBRI and CLPIU BUILDINGS Buildings periodically, which includes participation in weekly/monthly meetings or any other meeting set by the CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE or any appointed representative;
- Advise the CSIR-CBRI and CLPIU BUILDINGS Buildings/MOE on contractual issues as well as matters related to policy, programming and cost control;
- PMC Agency shall carry out measurements, along with CBRI/CLPIU BUILDINGS Buildings/MOE engineers/sub-engineers, in each site, review contractor's invoices and prepare necessary documentation to support and release payments to contractors in accordance to the terms and conditions agreed in the signed contract.
- PMC Agency shall prepare Draft Taking-Over Certificate and Draft Project completion Report upon the completion of Phase II.

On completion of the construction works, the PMC agency shall perform following activities:

- Inspection of the completed sections and recommend the dates of completion of project to CLPIU BUILDINGS Buildings/CSIR-CBRI.

- Inspection of completed works at appropriate intervals to identify any defect and issue instructions to contractor(s) for rectification of the defective works and ensure contractor(s) have carried out their contractual obligations in respect of repair and reconstruction of defective works.
- Shortly before the end of the DLP, the PMC Agency shall carry out a thorough inspection of works, re-works and if necessary supervise a further rectification. Once this has been completed, issue a Defects Rectification Certificate and a draft Taking Over Certificate and submit both to the CSIR-CBRI and Project Director, CLPIU BUILDINGS Buildings for approval.
- Check all the 'As Built Drawings' submitted by the contractors to CSIR-CBRI and CLPIU BUILDINGS Buildings.
- Submit comprehensive Project Completion Report to CSIR-CBRI and CLPIU BUILDINGS Buildings.

All work carried out by the PMC Agency shall be compatible with Nepal Building Code (NBC).

The expanded scope of work is provided in detail below.

a) Supervision of works

PMC Agency will be supported by engineers/sub-engineers who will work in the districts under the guidance and direction of CSIR-CBRI, DLPIU/CLPIU BUILDINGS Buildings and construction supervision experts. PMC Agency shall supervise works and guide the DOE engineers, contractors and engineers on a day to day basis to achieve quality construction. Provide quick design modification wherever required during construction (design troubleshooting), resolve construction issues quickly in consultation with CSIR-CBRI Scientist-in-charge and ensure compliance of relevant codes.. Prepare takeover certificate confirming that all the works are in compliance with time and implementation schedule and technical aspects of the contract for the approval and issuance by the CSIR-CBRI. In addition to the above, the PMC Agency shall also carryout following tasks:

- Assist the CBRI, CLPIU BUILDINGS Buildings in all aspects of supervision of the works in accordance with sound technical, administrative, financial and economic practices and in accordance with the duties and responsibilities assigned as per the contract;
- Disseminate information on good construction practices to contractors, through reasonable document feedback and address queries if any in writing.
- Review and recommend approving the detailed work program drafted by the Contractor for each site. However, the PMC Agency shall provide assistance to the Contractor when needed in the development of detailed work program. Such assistance includes the coordination with the Contractor and the finalization of this program based on the available resources;
- Follow-up on site supervision visits by the different engineers (architectural, structural, electrical, etc.) at intervals appropriate to the various stages of construction.
- Monitor, supervise and inspect the quality of the works as to ensure conformity with the Specifications, Bill of Quantities (BOQ), Drawings and design requirements. Review with the engineers at PIU, provisions and specifications are interpreted correctly so as to minimize changes during construction, and to remain in line with contract conditions;
- Provide any needed design, detail, information and clarifications necessary during the implementation phase for the Contractor to be able to carry out the construction works in consultation with CSIR-CBRI scientist-in-charge;
- Examine and recommend to approve the implementation plan proposed by the Contractor and ensure systematic and periodic feedback and the regular updating of the plan and resource

allocations; online and offline using dedicated Mobile App. With site activity reporting for each site and interactive users compliance and documentation features.

- Review and assist where needed, and recommend to approve the Contractor's proposals related to materials, equipment and methods of construction and advise the Client accordingly;
- Assess any design modifications that may become necessary during construction /rehabilitation, and propose technically acceptable amendments in consultation with CSIR-CBRI Scientist-in-charge.
- Monitor construction methods and operations to ensure compliance with the contract documents (bill of quantities, drawings and specifications);
- Monitor construction/rehabilitation progress to ensure compliance with the agreed work schedules and propose measures to expedite implementation;
- Ensure that the Contractor submits all necessary documents such as purchase orders, inspection certificates, RA Bill, Abstract, Summary Sheet and certification and progress reports, etc, for the PMC Agency approval and monitor the availability of key resources and materials orders and identify any shortcomings; and recommend for RA Bill etc., payment to CSIR-CBRI, DLPIU/CLPIU BUILDINGS Buildings and Indian Embassy.
- Ensure that a daily diary of the progress of the works on site is maintained, containing weather conditions, personnel present and work accomplished, resources applied and shortfalls, deliveries, inspection, survey checks, testing, instructions issued, visits by others, and all other events of significance occurring during the day;
- Inspect materials delivered to site and prepare report. Wherever appropriate, sample of construction materials should be taken and tested for quality and workmanship. If found lacking in specification vis-à-vis the requirements under the contract, recommend actions to be taken for rectification of the same;
- As appropriate, instruct the opening up of completed works to determine compliance with the requirements specified in the Contract Document;
- Maintain information relevant to progress, performance, quality, quantity, resources and cost. This information should be incorporated in the monthly report, final measurement and payment certificates;
- Prepare supervision mission reports on work carried out by the Contractor and highlight problems, obstacles, shortcomings and recommendations;
- Expedite submission of monthly and final payment certificates by the Contractor for approval by CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE. These shall be based on measurement of completed works, and the results from inspections and testing;
- Perform quality control and quality assurance activities completed;
- Recommend to reject sub-standard work and document any material or test not in compliance with the contract documents;
- Prepare variation orders and submit them to the CSIR-CBRI for approval prior to issuing them to the Contractor, as per stipulation of the construction contract. This shall include the analysis of the cost of new items of work that may arise during construction and which are not specified in the Bidding documents for approval by the CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE;
- Anticipate potential claims and take steps to mitigate their effect. Record, appraise and advise the CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE on any claim/disputes relating to time or cost submitted by the Contractor;
- Participate in weekly meetings or any other meeting set by the CSIR-CBRI and CLPIU BUILDINGS Buildings/MoE or any appointed representative;

- Advise the CSIR-CBRI and PIU/DoE on contractual issues as well as matters related to policy, programming and cost control;
- Assist in the amicable settlement of disputes or differences, which may arise during the assignment between the Client and the Contractors;
- Monitor and supervise the proper implementation of the EMP guidelines and other environmental and safety requests;
- Review and recommend to approve the As-Built Drawings and documents submitted by the Contractor latest before the provisional take over;
- Participate in the take-over inspections of completed works and preparation of a deficiencies list for all outstanding or substandard items, prepare draft taking over certificate and submit the same to the CSIR-CBRI and CLPIU BUILDINGS for approval;

b) Financial Management

The consultant shall carry out measurements along with CSIR-CBRI and CLPIU BUILDINGS Buildings/MOE engineers/sub-engineers in each site, review contractor's invoices and prepare necessary documentation to support and release payments to contractors in accordance to the terms and conditions agreed in the signed contract. The consultant shall also consolidate the expenditures and prepare monthly financial statements, bank reconciliation statements along with procurement and financial progress report on each contract, in addition to preparation of reimbursement claims and withdrawal applications to be submitted to CSIR-CBRI and CLPIU BUILDINGS buildings/Indian Embassy for replenishment of project funds.

c) Post -Construction Inspection/Defect Liability period

On completion of the construction works, the PMC agency shall perform following activities:

- Inspection of the completed sections and recommend the dates of completion of project to CLPIU BUILDINGS Buildings/CSIR-CBRI.
- Inspection of completed works at appropriate intervals to identify any defect and issue instructions to contractor(s) for rectification of the defective works and ensure contractor(s) have carried out their contractual obligations in respect of repair and reconstruction of defective works.
- Shortly before the end of the DLP, the PMC Agency shall carry out a thorough inspection of works, re-works and if necessary supervise a further rectification. Once this has been completed, issue a Defects Rectification Certificate and a draft Taking Over Certificate and submit both to the CSIR-CBRI and Project Director, CLPIU BUILDINGS Buildings for approval.
- Check all the 'As Built Drawings' submitted by the contractors to CSIR-CBRI and CLPIU BUILDINGS Buildings.
- Submit comprehensive Project Completion Report to CSIR-CBRI and CLPIU BUILDINGS Buildings.

d) Deliverables

The deliverables under the assignment are detailed below:

Assessment

- Environment & Social safeguard screening report for each Health Building site;

- Wherever required/as required develop site specific Environment Management Plans (EMP) to be implemented that need to be followed by the contractor and is incorporated in the Bidding document;

Procurement

- Update Procurement Plans on a semi- annual basis;
- Draft bid evaluation reports (technical and financial – as applicable on a case to case basis) for all procurements related to goods, civil works, consulting services, and non-consulting services financed under the project, as required from time to time;
- Review requests and process variation orders, as directed from time to time by the Project Manager;
- Update procurement data in the MIS developed for the program or in the software of PMC Agency comprising all relevant information;
- Submission of procurement and contract management report on monthly basis and consolidated report on quarterly basis;
- Draft responses and actions recommended/executed for grievances received by CSIR-CBRI and CLPIU BUILDINGS Buildings.

e) Supervision of construction Works

- Train contractors and CLPIU BUILDINGS Buildings staff on best construction practices through workshop, classroom, on-site and hands-on training;
- Site visit, inspection, tests and quality assurance reports; preferably with Mobile App based system;
- Submit consolidated site log on work progress on a weekly basis to the Engineers in DLPIUs/CSIR-CBRI;
- Verification of documentation for processing of bills/invoices of contractors for the works completed;
- Monthly financial statements and bank reconciliation statements for project accounts;
- Documentation for variation orders wherever required;
- Submit consolidated Monthly physical and financial Progress reports to the CSIR-CBRI
- Submit draft consolidated quarterly progress reports to CSIR-CBRI for onward transmission to CLPIU BUILDINGS Buildings/Indian Embassy
- As built drawings verified upon completion of construction/Defect Liability Period (1 year after Construction) for approval and records;
- Draft taking over certificate;
- Draft Project Completion Report (PCR) upon completion of the project period;
- Any other request as directed by the DPD/CLPIU BUILDINGS Buildings/Indian Embassy/CSIR-CBRI.

2. Team Composition and Qualification Requirements for Key and Non-Key Experts

The services should be carried out through the timely provision of an adequate number of site experts and support staff and through the necessary DSC head office support which will include regular visits by the senior management of DSC to CSIR-CBRI , CLPIU BUILDINGS Buildings and work sites.

The key personnel requirements with inputs in person months for each position are given in the Table 2 below.

Table 2: Key Expert and support staff Inputs

Sl. No	Team Member	Person
	<u>Key Person</u>	
a	Project Management Expert cum Team Leader (PME)	2
b	Construction Supervision Experts (Civil Engineer) (CSE)	39
c	Project Management/Evaluation Specialists (Civil Engineer) (To be posted at CSIR_CBRI, Roorkee and 1 at Kathmandu) (PMS)	02
d	Computer Operator for Head Office Support	01
e	Peon for Head Office Support	01

Position based terms of reference of each of the key expert is as below.

4.1 Project Management Expert cum Team Leader (PME)

The PME will closely work with the CLPIU Buildings. S/he will be responsible for the day-to-day management of the Kathmandu CLPIU Buildings team and district field teams, and the relationship with the local authorities and project beneficiaries. One PME will look after each district HQ and one at Kathmandu. S/he will undertake regular site visits to Health Building construction sites. It is estimated that the PME will spend about 50% of his time on site visits/ field work.

The main tasks of the PMC include, but are not limited to:

- (i) Support the CSIR-CBRI/Project Director/Deputy Project Director in all aspects of project management for the Health Building rebuilding program providing clear directions for on-time and on-budget implementation.
- (ii) Support the CSIR-CBRI/Project Director/DPD in establishment of the CLPIU Buildings requisites at district level, identify capacity building needs and assist in identifying ways to address these, where required.
- (iii) Support the CSIR-CBRI and CLPIU Buildings in identifying Health Buildings for fast-track reconstruction.

- (iv) Assist the PIU in preparing subproject reports to be considered by CLPIU Buildings, and, if applicable, also by CSIR-CBRI for subproject approval.
- (v) For contracts entered into by CLPIU Buildings, act as CSIR-CBRI representative; particularly for the PIU support team and the DSC, closely monitor their performance in terms of quality of outputs and timeliness.
- (vi) Review and comment on reports and other submissions prepared by the PIU support team and the DSC.
- (vii) Take responsibility for coordination and integrated actions between district field units, other CSIR-CBRI, DLPIU, CLPIU Buildings and Indian Embassy, various government institutions, project beneficiaries, NGOs, the MIS and administration and accounts units of the CLPIU Buildings.
- (viii) Be responsible for preparation of monthly progress reports and other reports to CLPIU Buildings, GON/Indian embassy and CSIR-CBRI

Qualification: The PME will have a Master's degree in Civil Engineering or Bachelor's Degree in Civil Engineering and preferably additional qualifications in project management, or equivalent. The PME will have preferably 10 years of project management experience and will be fluent in both English and Hindi/Nepali.

4.2 Procurement and Contract Management Specialist

Under the guidance of the DSC Team Leader and CLPIU Buildings, the Specialist will support undertaking procurement and contract management related tasks. The Specialist will be based in the Kathmandu and is expected to occasionally visit Health Building sites.

The main tasks include, but are not limited to:

- (i) Assume the full responsibility to support for all procurement activities to be conducted by the CLPIU buildings; CSIR-CBRI
- (ii) Assist CLPIU buildings, CSIR-CBRI in the preparation of detailed project management plan and annual procurement plans for procurement of goods, consulting services and civil works for submission.
- (iii) Prepare draft procurement notices, documents for procurement of NGO services and community contracting following CLPIU buildings and government's procurement guidelines;
- (iv) Assist in obtaining clearance on procurement-related matters from government and CSIR-CBRI, CLPIU buildings, Indian Embassy as the case may be;
- (v) Where appropriate, support CSIR-CBRI/CLPIU buildings /DLPIUs in procurement of small contractors or community groups to undertake contracts including direct contracting arrangements;
- (vi) Assist the CSIR-CBRI, CLPIU buildings, Indian Embassy in overall contract management in collaboration with Project Manager and Account Section.
- (vii) Support to prepare concise procurement performance reports contracting and contract management for consideration by CLPIU buildings and CSIR-CBRI.
- (viii) Advise CSIR-CBRI, CLPIU buildings on procurement strategies in accordance with the Government's procurement guidelines and identify areas of discrepancy between the two if any and help in resolving them.
- (ix) Provide procurement training on CLPIU buildings procurement guidelines and principles to key CLPIU buildings staff and other relevant government staff if any.

- (x) Any other work as directed by the CSIR-CBRI/Project Director/DPD, and or his authorized officials in CLPIU buildings .

Specific tasks related to fast-tracking of Health Building rebuilding include, but are not limited to:

- (i) Support PIU for evaluation of bids received for the works contracts; support to prepare the bid evaluation report(s) for submission to CLPIU buildings .
- (ii) Assist the CLPIU buildings in all arrangements for the signing of contracts
- (iii) Compile and review complete documents submitted to CLPIU buildings for payment recommended by coordinating with District Level PME.

Qualification The Procurement and Contract Management Specialist will have a Master degree in any relevant subjects with Bachelor degree in civil Engineering and preferably over 5 years professional experiences in public procurement of goods, services and civil works and contract management; hands-on experience in contract management for public investment projects financed by GON/GOI and/or other multilateral agencies; and in depth knowledge of procurement guidelines. The Specialist should have worked recently as Procurement/Contract management specialist.

4.2 Construction Supervision Expert (CSE)/Civil Engineer)

The Expert while based in a centrally located district providing optimal access to the various project districts with construction activities, the Expert will regularly visit these onstructionsites to guide, monitor and provide technical oversight and quality assurance. The main tasks of the CSE will include:

- (i) Review already prepared construction guidelines and if necessary provide supplementary guidelines;
- (ii) Train CLPIU buildings and DLPIU staff on best construction practices through workshop, classroom, on-site and hands-on training;
- (iii) Guide the district-based CSEs and monitor their work;
- (iv) Visit on selective basis construction sites for overall technical oversight and quality assurance;
- (v) Report to the project management expert all construction supervision and construction quality issues and assist in resolving them;
- (vi) Submit consolidated monthly physical and financial progress reports to the Project Manager and CLPIU buildings ; and CSIR-CBRI
 1. Leading the overall supervision of the construction of Health Buildings in his district;
 2. Leading and providing guidance to site supervision engineers in his district on construction supervision skills and reporting;
 3. Support the design engineers with improving designs and tailoring construction to suit specific location requirements;
 4. Manage the site supervision engineers and contractors; and
 5. Report to the SCSE construction supervision and construction quality related issues and assist in resolving them.
- (vii) Participate in the handing-over of completed reconstruction works on behalf of the Engineer.
- (viii) Prepare as built drawing upon competition of construction and DLP period, get rectification of defects if any and prepare completion report duly approved by competent authority.

Qualification: The Construction Supervision Expert (CSE) will preferably have a Master’s Degree in Civil Engineering, with 8 years of experience in supervising the construction of civil works, preferably buildings.

4.3 Project Management/Evaluation Specialist (Civil Engineer)

The Expert will be based in Kathmandu (1 No.) and CSIR-CBRI Roorkee (1 no.’s). Under the guidance of the PME, the main tasks of the CSE will include:

Compilation of reports from district level and submission to CSIR-CBRI, Roorkee

Qualification: The Construction Supervision Expert (CSE) will have a Bachelor's Degree in Civil Engineering with a minimum of 5 years of experience in supervising the construction of civil works, preferably in project management.

5. Reporting Requirements and Time Schedule for Deliverables

Reports will be prepared and submitted to the CSIR-CBRI and will be in a format consistent with the CLPIU buildings project performance reporting system. The main outputs are listed below in Table 4.

All reports, will be submitted with 3 hard copies in English with an electronic version to CSIR-CBRI/CLPIU buildings / MOE.

Table 4: Reports to be submitted by PMC Agency

Output	Due Date	Minimum Contents
1. Inception Report	By 21 day	<ul style="list-style-type: none"> • Activity and input plan; • Highlight any changes in ToR to be agreed; • Record of meetings held; • Any issues arising and action taken; • Updated detailed work plan;
2. Quarterly Reports	By second week of subsequent quarter	<ul style="list-style-type: none"> • Concise reports highlighting progress, impediments and recommendations
3. Monthly construction progress report	Each month during construction	<ul style="list-style-type: none"> • Detailing progress against program; contract variations; expenditure requirements with final report containing as-built drawings.

Output	Due Date	Minimum Contents
4. Online daily Reporting	Next Day	<ul style="list-style-type: none"> • Preferably using mobile App for monitoring construction activities and progress and its compliance. The mobile nodes shall be given to 3 no.'s CSIR-CBRI and 1 each to CLPIU BUILDINGS /DLPIU and Indian embassy
5. Completion Report	Within 30 days of end of Contract period.	<ul style="list-style-type: none"> • completion report • Overall progress achieved. • As-built Drawings, upon completion of construction and DLP (1 Year) • Final Environmental Assessment Report • Final expenditures

The PMC Agency will report to the Scientist-in-charge of CSIR-CBRI. Day to day work will be carried out in liaison with the staff of the CSIR-CBRI, CLPIU Buildings and engineers of DLPIU/CLPIU Buildings /Contractor.

6. Client's Input and Counterpart Personnel

The PMC agency need to furnished office spaces at each district level HQ (including necessary furniture) for its engineers. No separate cost for furnishing office spaces are allocated for this purpose.

PMC Agency need to undertake the lab test of material, RC elements at site etc., for each site when necessary and document the data and report to CSIR-CBRI in prescribed format.

CSIR-CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE

Details of Health Facilities Reconstruction from Indian Grant

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
1	1	Rasuwa	Bhorle Health Post	3HP	Type3HP
2	2	Dhading	Jhymrung Aurved Aushadhalaya	AA	Aayurved Aushdhalaya
3	3	Dhading	Dhuwakot Health Post (Ka)	3HP	Type 3 HP
4	4	Dhading	Dhuwakot Health Post (Kha)	3HP	Type 3 HP
5	5	Dhading	Kalleri Health Post	4HP	Type 4 HP
6	6	Dhading	Khari Health Post	3HP	Type 3 HP
7	7	Dhading	Marpak Health Post	4HP	Type 4 HP
8	8	Dhading	Tipling Health Post	Type 4 H	Rubivalley Rural Municipality
9	9	Dhading	Jharlang Health Post	Type 4 H	Khaniyabas Rural Municipality
10	10	Dhading	Kumpur Health Post	Type 3 H	Siddhalek Rural Municipality
11	11	Dhading	Sunaula Bazar Health Post	4HP	Type 4 HP
12	12	Dhading	Ree Gaun Health Post	Type 3 H	Gangajamuna Rural Municipality
13	13	Dhading	Dhola Health Post	4HP	Type 4 HP
14	14	Dhading	Salyankot Health Post	3HP	Type 3 HP
15	15	Dhading	Nalang Health Post	3HP	Type 3 HP
16	16	Dhading	Jyamrung Health Post	4HP	Type 4 HP
17	17	Dhading	Tasarpu Health Post	3HP	Type 3 HP
18	18	Gorkha	Gairung Aayurved Aausadhalaya	AA	Aayurved Aushdhalaya
19	19	Gorkha	Kashi Gaun Health Post	Type 4 H	Dharche RM-6
20	20	Gorkha	Thumi Health Post	3HP	Type 3 HP
21	21	Gorkha	Jaurbari Primary Health Post	PHB3	PHB3
22	22	Gorkha	Gaikhur Health Post	3HP	Type 3 HP
23	23	Gorkha	Saurpani Aayurved Aausadhalaya	AA	Aayurved Aushdhalaya
24	24	Gorkha	Prok Health Post	Type 4 H	Chumnubre RM-
25	25	Gorkha	Kerauja Health Post	Type 4 H	Dharche RM-2
26	26	Gorkha	Dhuwakot Health Post	4HP	Type 4 HP

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
27	27	Gorkha	Bhumlichowk Health Post	4HP	Type 4 HP
28	28	Gorkha	Shree Nath Kot Health Post	4HP	Type 4 HP
29	29	Gorkha	Deurali Health Post	4HP	Type 4 HP
30	30	Gorkha	Kharibot Health Post	3HP	Type 3 HP
31	31	Gorkha	Bad Danda Health Post	3HP	Type 3 HP
32	32	Gorkha	Tanglichowk Health Post,	4HP	Type 4 HP
33	33	Gorkha	Namjung Health Post	3HP	Type 3 HP
34	34	Gorkha	Taklung Health Post	4HP	Type 4 HP
35	35	Gorkha	Swara Health Post	4HP	Type 4 HP
36	36	Gorkha	Saurpani Health Post	4HP	Type 4 HP
37	37	Gorkha	Choprak Health Post	3HP	Type 3 HP
38	38	Gorkha	Muchowk Health Post	4HP	Type 4 HP
39	39	Gorkha	Ghairung Primary Health Post	PHB3	PHB3
40	40	Gorkha	Darbung Health Post	4HP	Type 4 HP
41	41	Gorkha	Takukot Primary Health Post	PHB3	PHB3
42	42	Gorkha	Harmi Health Post	4HP	Type 4 HP
43	43	Gorkha	Pachkuwa Deurali Health Post	3HP	Type 3 HP
44	44	Gorkha	Fujel Health Post	3HP	Type 3 HP
45	45	Gorkha	Taple Health Post	3HP	Type 3 HP
46	46	Gorkha	Taranagar Health Post	3HP	Type 3 HP
47	47	Gorkha	Makaisingh Primary Health Post	PHB2	PHB 2
48	48	Nuwakot	District Aayurved Aaushdhalaya	DAA	Dist.Aayurved Aaushdhalaya
49	49	Nuwakot	Khaniyakharka Aayurved Aausadhalaya	AA	Aayurved Aaushdhalaya

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
50	50	Nuwakot	Narjamandap Aayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
51	51	Nuwakot	Sundara Devi Aayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
52	52	Nuwakot	Taruka Aayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
53	53	Nuwakot	Thansingh Aayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
54	54	Nuwakot	Ghaynfedi Health Post	4HP	Type 4 HP
55	55	Nuwakot	Gaukharka Health Post	4HP	Type 4 HP
56	56	Nuwakot	Chap Health Post	4HP	Type 4 HP
57	57	Nuwakot	Beteni Health Post	4HP	Type 4 HP
58	58	Nuwakot	Thap Budhasing Health Post	4HP	Type 4 HP
59	59	Nuwakot	Bungtang Health Post	4HP	Type 4 HP
60	60	Nuwakot	Budhasingh Health Post	4HP	Type 4 HP
61	61	Nuwakot	Dangsingh Health Post	PHB3	PHB3
62	62	Nuwakot	Likhu(sallemaidan) Health Post	3HP	Type 3 HP
63	63	Nuwakot	Lachyang Health Post	3HP	Type3 HP
64	64	Nuwakot	Sikre Primary Health Post	PHB3	PHB3
65	65	Nuwakot	Belkot Health Post	4HP	Type 4 HP
66	66	Nuwakot	Panchakanya Health Post	4HP	Type 4 HP
67	67	Nuwakot	Thanapatti Health Post	4HP	Type 4 HP
68	68	Nuwakot	Tarukajor Health Post	4HP	Type 4 HP
69	69	Nuwakot	Ralukadevi Health Post	4HP	Type 4 HP
70	70	Nuwakot	Madanpur Health Post	4HP	Type 4 HP
71	71	Nuwakot	Kabilash Health Post	3HP	Type 3 HP
72	72	Nuwakot	Narjamandap Health Post	3HP	Type 3 HP
73	73	Nuwakot	Suryamati Primary Health Post ,	PHB3	PHB3
74	74	Ramechhap	Duragaun Health Post	4HP	Type 4 HP
75	75	Ramechhap	Okreni Health Post,	4HP	Type 4 HP
76	76	Ramechhap	Khaniyapani Health Post	4HP	Type 4 HP
77	77	Ramechhap	Manthali PHCC (15 Bedded Hospital)	PHA3	PHA3

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
78	78	Ramechhap	Gothgaun Health Post	4HP	Type 4 HP
79	79	Ramechhap	Chanakhu Health Post	4HP	Type 4 HP
80	80	Ramechhap	Makadum Primary Health Centre	4HP	Type 4 HP
81	81	Ramechhap	Himganga Health Post,	4HP	Type 4 HP
82	82	Ramechhap	Gelu Primary Health Centre	PHB3	PHB3
83	83	Ramechhap	Chuchure Health Post	4HP	Type 4 HP
84	84	Ramechhap	Goshwara Health Post	4HP	Type 4 HP
85	85	Ramechhap	Majuwa Health Post	4HP	Type 4 HP
86	86	Ramechhap	Rampur Health Post	4HP	Type 4 HP
87	87	Ramechhap	Rasnal Health Post,	Type 4 HP	
88	88	Ramechhap	Salupatti Health Post	4HP	Type 4 HP
89	89	Ramechhap	Bijulikot Health Post	4HP	Type 4 HP
90	90	Ramechhap	Pinkhuri Health Post	4HP	Type 4 HP
91	91	Ramechhap	Daduwa Health Post	4HP	Type 4 HP
92	92	Ramechhap	Bhaluwajor Health Post	4HP	Type 4 HP
93	93	Ramechhap	Hildevi Primary Health Centre	PHB3	PHB3
94	94	Ramechhap	Chisapani Health Post	4HP	Type 4 HP
95	95	Ramechhap	Tilpung Health Post	3HP	Type 3 HP
96	96	Ramechhap	Kukuwasthal Health Post	4HP	Type 4HP
97	97	Kavrepalanchowk	Khopasi Primary Health Centre	PHB3	Panauti Municipality

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
98	98	Kavrepalanchowk	Sunthan PHCC	PHB3	PHB3
99	99	Kavrepalanchowk	Nala Health Post	4HP	Type 4 HP
100	100	Kavrepalanchowk	Dhulikhel Aayurbed Aausadhalaya	AA	Aayurved Aausdhalaya
101	101	Kavrepalanchowk	Milche Health Post	3HP	Type 3 HP
102	102	Kavrepalanchowk	Bankhu chaur Primary Health Centre	PHB3	PHB3
103	103	Kavrepalanchowk	Saldhara Health Post (Excluding Birthing centre) Kavrepalanchowk	4HP	Type 4 HP
104	104	Kavrepalanchowk	Falametar Health Post (Excluding Birthing centre) Kavrepalanchowk	4HP	Type 4 HP
105	105	Kavrepalanchowk	Chandani Health Post (Excluding Birthing centre) Kavrepalanchowk	3HP	Type 3 HP
106	106	Kavrepalanchowk	Pokhari chaur Health Post (Excluding Birthing centre) Kavrepalanchowk	3HP	Type 3 HP
107	107	Kavrepalanchowk	Panauti Health Post	Type 4 HP	Panauti Municipality
108	108	Kavrepalanchowk	Phoksinghtar Health Post	4HP	Type 4HP
109	109	Kavrepalanchowk	Gokule Health post	4HP	Type 4HP
110	110	Dolakha	Chisapani Aayurbed Aausadhalaya	AA	Aayurved Aausdhalaya
111	111	Dolakha	Lapilang Aayurbed Aausadhalaya	AA	Aayurved Aausdhalaya
112	112	Dolakha	Charikot PHCC(OT ICU and Emergency Block)	ICU	ICU
113	113	Dolakha	Suri Primary Health Centre, Dolakha	PHB3	PHB3
114	114	Dolakha	Boch Health Post, Dolakha	4HP	Type 4 HP
115	115	Dolakha	Gaurishankar Health Post	Type 4 HP	Gaurishankhar Rural Municipality -9
116	116	Dolakha	Marbu Health Post	4HP	Type 4 HP
117	117	Dolakha	Bhusafeda Health Post	4HP	Type 4 HP
118	118	Dolakha	Chilanka Health Post	4HP	Type 4 HP
119	119	Dolakha	Bigu Health Post,	4HP	Type 4 HP
120	120	Dolakha	Thulo Patal Health Post	4HP	Type 4 HP
121	121	Dolakha	Jyaku Health Post	4HP	Type 4 HP
122	122	Dolakha	Shyama Health Post	4HP	Type 4 HP
123	123	Dolakha	Katakuti Primary Health Centre	PHB3	PHB3
124	124	Dolakha	Magapauwa Health Post	4HP	Type 4 HP
125	125	Dolakha	Lakuridanda Health Post	4HP	Type 4 HP

S.NO.	HOSP. ID	District	Name of the Health Facilities		Type of Facilities
126	126	Dolakha	Jhule Health Post,	4HP	Type 4 HP
127	127	Dolakha	Ghayang Sukathokar Health Post	4HP	Type 4 HP
128	128	Dolakha	Lapilang Health Post	3HP	Type 3 HP
129	129	Dolakha	Lamidanda Health Post	3HP	Type 3 HP
130	130	Dolakha	Vedpu Primary Health Centre	PHB3	PHB3
131	131	Dolakha	Tamchet Dudhpokhari Health Post	4HP	Type 4 HP
132	132	Sindupalchok	Melamchi Ayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
133	133	Sindupalchok	Pipaldanda Ayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
134	134	Sindupalchok	Thakani Ayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
135	135	Sindupalchok	Thokarpa Ayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
136	136	Sindupalchok	Thokarpa Health Post	4HP	Type 4 HP
137	137	Sindupalchok	Attarpur Health Post	PHB3	PHB3
138	138	Sindupalchok	Thulo Dhading Health Post	4HP	Type 4 HP
139	139	Sindupalchok	Listikot Health Post	4HP	Type 4 HP
140	140	Sindupalchok	Basnkharka Health Post	4HP	Type 4 HP
141	141	Sindupalchok	Fulpingkot Health Post	3HP	Type 3 HP
142	142	Sindupalchok	Hagarm Health Post	4HP	Type 4 HP
143	143	Sindupalchok	Jyamire Health Post	3HP	Type 3 HP
144	144	Sindupalchok	Votang Health Post	4HP	Type 4 HP
145	145	Sindupalchok	Sindhukot Health Post	4HP	Type 4 HP
146	146	Lalitpur	Bisankhu Narayan Ayurved Aausadhalaya	AA	Aayurved Aaushdhalaya
147	147	Gulmi	District Hospital	ALO	District Hospital(Alo)

DISTRICTWISE SUMMARY OF HOSPITALS UNDER GOI FUNDED PROJECT

DISTRICTS	HOSPITAL I#	NOS.	HP2	HP3	HP4	PHB 2	PHB3	PHB4	AA	DAA	SITE				
											SITE SP	SITE SP	SITE SPECIFIC		
											PHA3 (77)	ALO-DIST.HOSP (GULMI-147)	112-Ex.PH Add:OT,IC U,emer blk		
Rasuwa	1	1		1							1				
Dhading	2-17	16		8	7				1		16				
Gorkha	18-47	30		10	14	1	3		2		30				
Nuwakot	48-73	26		4	13		3		5	1	26				
Ramechhap	74-96	23		1	19		2				22	1			
Karve	97-109	13		3	6		3		1		13				
Dholkha	110-131	22		2	14		3		2		21		1		
Sindhupalchok	132-145	14		2	7		1		4		14				
Lalitpur	146	1							1		1				
Gulmi	147	1									0	1			
Total		147	0	31	0	80	1	15	0	16	1	144	1	1	3
											144				147