

राष्ट्रीय आदिवासी छात्र शिक्षा समिति
(जनजातीय कार्य मंत्रालय के अंतर्गत
एक स्वायत्त संस्थान, भारत सरकार)
भू-तल, गेट नंबर-3ए, जीवन तारा बिल्डिंग,
संसद मार्ग, नई दिल्ली-110001
दूर. 011-23340280



National Education Society for Tribal Students
(An Autonomous Organization under
Ministry of Tribal Affairs, Govt. of India)
Ground Floor, Gate No.3 A, Jeevan Tara Building,
Parliament Street, New Delhi-110001
Telephone No. 011-23340280
वेबसाइट/Website: www.tribal.nic.in
Email: nests-tribal@tribal.gov.in

F. No.: NESTS/Civil/Formal Sanction Order/149/2021-22

Date: 09th Aug 2021

To,

The CMD/MD

(NPCC, WAPCOS, TCIL, HSCL, MANIDCO, MTDC, EPIL and B&R)

Sub: Third-Party Quality Assurance (TPQA) to strengthen further construction quality of the EMRSs

Dear Sir/Madam,

As you are aware, National Education Society for Tribal Student (NESTS), an autonomous body under the Ministry of Tribal Affairs, Government of India is constructing 452 Eklvaya Model Residential School (EMRS)/ Eklvaya Model Day Boarding School (EMDBS) at designated places/blocks schools for tribal student across the country. The construction works are entrusted to Central & State PSUs.

The Construction Agency shall be fully responsible for quality, technical/ structural soundness and effective & efficient construction management of the work. However, there is a provision of Third-Party Quality Assurance (TPQA) to strengthen further construction quality of the school. The TPQA shall be done from any IIT/ NITs / Govt. Engg. Colleges / CBRI / Other Central / State Govt. institutes in the beginning of the project as per clause 3.7 of signed MoU for construction of EMRS. The clause is as under:-

“The Construction Agency shall in consultation with Commissioner, NESTS finalize Third Party Quality Assurance (TPQA) plan on all works costing more than Rs.5.00 crore from any IIT / NIT / Govt. Engg. Colleges / CBRI / Other Central / State Govt. Institutes in the beginning of the project. The provision for Third Party Quality Assurance in the A/A & E/S is on tentative basis. The expenditure provisioned in the estimates shall however be reimbursed on actual basis on submission of documentary proof, limited to the provision in the A/A & E/S. The CA shall arrange to get TPQA conducted at site as per agreed plan and arrange to submit the reports at regular intervals along with RA bill reimbursement claims so raised to Owner.”

The project consists of construction of School building, Hostels with Warden Residence, Principal Quarter, 15 Nos Type III & 10 Nos Type II Quarters, Guest House, sports facilities, compound wall and campus development. The work shall be taken up in two phases. The present project cost per school is around 20-24 crores for phase I construction consisting of school & boys' & girls' hostel, Kitchen & Dining, compound wall and part of campus development as per phasing plan shared with construction agencies vide order dated 08.09.2020. The phase II shall be taken up subsequently.

In this regard, NESTS requested to NIT Durgapur, NIT Patna, NIT Jamshedpur and SVNIT Surat to submit the proposal for Third Party Quality Assurance along with service charges state wise. The proposal which includes the comprehensive Quality Plan to check quality of construction and structural soundness as per CPWD Specification/BIS Standard and sound engineering practice. It was also requested that the provisions of CPWD Works Manual 2014 regarding TPQA provision needs to be incorporated in Comprehensive Quality Plan.

In response to that, NIT Patna, Durgapur and Jamshedpur submitted proposal which has been enclosed for reference purpose only for engaging the agencies for Third Party Quality Assurance. IIT Roorkee has also agreed to our proposal for TPQA.

In view of above, you are requested to explore and engage the TPQA agencies for Third Party Quality Assurance for construction of EMRS as per clause 3.7 of signed MoU to strengthen further construction quality of the school. In this regard the Format for Draft TPQA proposal is enclosed at Annexure-1 for your reference.

You will appreciate that construction of EMRS is one of the flagship programs of the Government of India for providing quality education to tribal students.

Your co-operation is solicited.

With Regard.



Asit Gopal
Commissioner, NESTS

Copy to:

1. Nodal officer (EMRS Works) of the construction agencies, NPCC, WAPCOS, TCIL, HSCL, MANIDCO, MTDC, EPIL and B&R) for necessary action.
2. Guard File

Format Draft Agreement

**AGREEMENT FOR PROVIDING THIRD PARTY QUALITY ASSURANCE BETWEEN
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS (NESTS)**

AND

-----NAME OF THE CONSTRUCTION AGENCY -----

AND

THIRD PARTY QUALITY ASSURANCE AGENCY

Agreement for **Construction ofno. (.....) EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS in short) at.....States.**

THIS AGREEMENT made on **date and month** the day of Two thousand and Twenty One between **NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS, (NESTS in short)** a society registered under the Societies Registration Act, 1860 and having its registered office at Gate No 3A, Jeevan Tara Building, Parliament Street, New Delhi -110001 hereinafter referred to as “**Owner (First Party)** ” (which expression shall unless excluded by and repugnant to the context be deemed to include its successors and assigns) on one part and **Name of the Construction Agency (..... in short)**, a Company registered under the Companies Act 1956, and being a Govt. of India Undertaking having its Registered and Corporate Office at “ **Address of the organization** and hereinafter referred to as the **Construction Agency (CA Short) (Second Party)** and (which expression shall include its successors and assigns as permitted by the Owner) on the other part and **Name of Third Party Quality Agency** referred to Third Party Quality Assurance Agency as Third Party.

WHEREAS the owner intends to construct/ execute the **EKLAVYA MODEL RESIDENTIAL SCHOOL** project as mentioned above and the Construction Agency has agreed to take up the said project to the satisfaction of the owner.

Whereas the Construction Agency shall in consultation with Commissioner, NESTS finalize Third Party Quality Assurance (TPQA) plan on all works costing more than Rs.5.00 crore from any IIT / NIT / Govt. Engg. Colleges / CBRI / Other Central / State Govt.

And Whereas the Construction Agency and NESTS has agreed to accept the appointment of **Name of Third Party Quality Agency** as a **Third Party Quality Assurance Agency (TPQAA)** on the terms and conditions appearing hereinafter in this Tri-Party agreements between NESSTS, Construction Agency (----- Name of CA) and **Name of Third Party Quality Agency** and **Place**

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERE TO AS UNDER:

I. DEFINITION: -

1. **Work:** Construction of Eklavya Model Residential School (EMRS) in the state of including Civil Work, Electrical Work , Sanitary, Plumbing , External Water Supply System , Fire Protection System , Street Light , CC Road and part of Development Work.
2. **Agency:** The agency executing the work, **Name of Construction Agency.**
3. **Engineer in Charge:** Zonal Manager, **Name of Construction Agency and Place**
4. **Third Party quality assurance agency (TPQAA):** **Name of Third Party Quality Assurance Agency**
5. **Authority Verifying services of TPQAA at site:** Zonal Manager or Representative, **Name of Construction Agency and Place**

6. Completion of work: Completion certificate declaring the work complete by Zonal Manager, Name of Construction Agency and Place
7. Authority to make payment to TPQAA services: Zonal Manager, Name of Construction Agency and Place
8. Client Department – National Education Society for Tribal Development (NESTS) Ministry of Tribal Affairs, Jeewan Tara Building, New Delhi-110001

II. WORK DESCRIPTION: -

1. Project Consists of School building, Boys' Hostels with Warden Residence, Girls' Hostels with Warden Residence, Kitchen & Dinning including Civil Work, Electrical Work, Sanitary, Plumbing, External Water Supply System, Fire Protection System and part of campus development such as CC Road, Street Light, etc
2. Work shall be executed according to CPWD Specification, CPWD General Conditions of Contract with upto date correction slips and terms and conditions mentioned in the TPQAA. A copy of agreement shall be provided by the CAs to TPQAA
3. Cost of work: As per the tendered amount of the respective site for Civil and Electrical including services, development work, etc .
4. The Estimate project cost is Rs 20.0 Crores (approximately)
5. Work Agreement No.-----
6. Period for execution of the work - ----- months
7. Tendered Amount -----

III.SCOPE OF WORK by TPQA:-

1. TPQA Agency shall do their job arranging the necessary quality assurance tests for materials and the construction works, analyzing the test results and furnishing the comments/ observations thereon and providing general observations on construction materials and work.
2. TPQAA shall inspect that the site is equipped with necessary documents like copy of agreement, CPWD specification, BIS codes Guard file containing inspection report, list of approved product manufacture's, tools for checking quality of work and testing facilities i.e. Field Testing Instruments and Field Laboratories instruments.
3. TPQAA shall check that site record like inspection register, cement register, test register and site order books etc are being maintained in prescribed forms and under continuous watch of higher officers.
4. TPQAA shall check specific control on various process of execution by controlling various factors such as testing of material and developing construction check list of important items of work as per CPWD Manual.
5. TPQAA will develop minimum quality Assurance (QA) plan. The QA plan will outline the number and the timeline for the site visit in accordance with the schedule of activities for various infrastructures i.e. all civil, electrical and mechanical work as outlined in the work description. The schedule of activities for various infrastructures should be made available to TPQAA well before hand by CAs.

6. TPQAA will develop minimum quality assurance plan considering all provisions under Para 53.2 of CPWD work manual 2014 and test required as per mandatory tests/contract schedule of events for various buildings/infrastructure i.e. of civil electrical and mechanical work as outlined in the work description.

- TPQA Keeping in view the provisions of the agreement, will indicate which test and frequency of test should be carried out in field lab or outside lab.
- TPQAA will ensure that all the provisions of QA plan are being observed at site.
- TPQA shall ensure the quality control as provided at Annexure-I to Annexure V under para 53.2 of CPWD work manual 2014 are complied with. (Annexure V is modified and attached along with as mentioned above as Annexure A).

7. TPQAA will inspect the work as and when required considering progress of work at least every month and submit the Inspection Report on monthly basis preferably first week of the month. Further, the inspections to be planned in such a way that the pre-requisite formalities such as testing of material and approval of resources plan for materials and labor is carried out well in advance so that work may be progressed as per milestones fixed in the agreement.

- (i) **Material aspect:** - Quality and testing of material keeping in view the requirement of contract specifications and NESTS approved products and brands. TPQAA shall conduct at least 10% tests out of total mandatory tests independent to confirm quality of material as per contract specifications /BIS requirements/agreement provisions. Testing charges will be reimbursed/borne by CAs. The remaining 90% tests will be conducted by CAs. TPQAA will conduct at least 10% tests at the laboratory facility in TPQAA centres or hire lab facilities outside if required. The charges for the same should be paid separately in advance by CAs. Separate bills shall be raised by TPQAA for the same.
- (ii) **Workmanship aspect:** - To ensure execution of work with laid down procedures and sound engineering practice. TPQAA Organization shall check and report whether work is being executed according to the designs and specifications of the agreement and in accordance with the approved drawings.

8. The inspection report will be submitted within 15 working days of Inspection of the site to the Engineer in charge in Performa for preparing observations, given in CPWD works manual (Attached). TPQAA may however add any other details in inspection report, if so necessary.

9. TPQA Agency shall inspect the construction site during the works under progress, to achieve the stipulated standards of quality in the project. The TPQA Agency shall be responsible for bringing-out in writing, to the notice of Authorized representative, any instances of deviations from accepted quality of construction materials, workmanship and general quality of works at appropriate stages of construction. If there is any discrepancy/ error/omission, it shall point out the same with suggestions and remedial measures as per codal provisions.

10. TPQA Agency shall, highlighting the problem area if any, and also suggest steps/ solutions to rectify the same so as to achieve the overall target of quality assurance.

11. TPQAA shall mention timely, the details of defective work if any in the Inspection report:

- a. To be dismantled by contractor.
- b. To be accepted being structurally safe.
- c. Details of defective material brought at site, which is to be removed from the site.

- d. Suggestions regarding remedial measures, if any, from time to time.
12. TPQAA shall check and confirm the quality of the work after verifying the removal of defects, if any pointed out during inspection.
13. If it is observed by TPQAA that defects are not removed by contractor, this matter shall be reported to the Additional Commissioner/ Chief Engineer(C), NESTS, Ministry of Tribal Affairs, Jeewan Tara Building, New Delhi-110001 for necessary action in the matter as per agreement clause. TPQAA shall also recommend reduction of rate in case of substandard work to be accepted being structurally safe.

IV. EFFECTIVENESS AND DURATION OF THE AGREEMENT AND CONTRACT

Tri-Party Agreement – The TPQA Agency is required to execute a tri-party agreement with CAs , Project-in-charge and NESTS HQ Delhi.

PERIOD: - Agreement will commence from 7th day of issue of the signing this agreement or the date of payment of the first advance installments, whichever is later. The duration of the TPQAA shall be the duration of project completion or 24 months whichever earlier.

V. RESPONSIBILITIES FOR ACCURACY OF TPQAA SERVICES: -

- For the work the advice and /or opinion, if any, provided shall be with documentary proof of standards/laws/codes etc. However, decision for execution of work will be of the Engineer in charge and no claim of any kind of TPQAA will be entertained.
- TPQAA shall be responsible for providing advice and /or opinion regarding QA of this work including methodology to be adopted, specifications standards and quality measure parameter etc. and nothing extra will be paid for the same.
- TPQAA shall also recommend reduction of rate in case of substandard work, to be accepted being structurally safe on the recommendations of concerned project head.
- TPQAA shall report quality control test results along with suggestions regarding remedial measures, if any, from time to time.

The above-mentioned aspects are to be taken care of as per attached performa. In case of any missing items the same shall be added to the proforma so that all above aspects are fully covered.

VI. TPQAA FEE AND SCHEDULE OF PAYMENT: -

1. The fees payable to TPQAA will be in four equal advance installments. The first advance payment will made at the time of signing of the contract or immediately thereafter followed by 3 subsequent installment six months from the date of first payment.
2. Payment for 10% mandatory testing will be done separately and in advance.
3. The TPQA fee includes all prevailing taxes except GST.
4. Details of Consultancy charges for third party quality assurance for Construction Of Eklavya Model Residential School (EMRS) in the state ofincluding Civil Work, Electrical Work , Sanitary, Plumbing , External Water Supply System , Fire Protection System , Street Light , CC Road and part of Development Work (Phase-I).

5. The rate in % term excluding GST @ 18% of the tendered amount for providing TPQA services for the said work may quoted in the financial bid provided as annexure-II

VII. Manpower Deployment Manpower Deployment/visits: For proper functioning of TPQA Agency and daily routine test, the TPQA Organization will deploy following manpower;

- (i) The expert with minimum 15 years of academic/field experience shall make one site visit each month aligning the visit with critical/ important stages of work. In between also the experts may be required to visit depending on exigency at site/ as per the directions/ requirements of the NESTS, Ministry of Tribal Affairs for which no extra amount shall be payable.
- (ii) In case of any critical observations during site visit of expert, the same shall be reported immediately to NESTS authorized representative along with suggestions/ remedial measures.

VIII. FORECLOSURE: -

1. Either party (CAs or TPQAA) may foreclose the agreement by giving notice not less than thirty (30) days without assigning any reasons whatsoever at any stage of the agreement.
2. Upon foreclosure of this agreement, the TPQAA shall handover all the documents/reports prepared up to and including the date of foreclosure to the Engineer-in-Charge.
3. Construction Agency should ensure that TPQAA is duly paid for the works carried out and services rendered till the date of foreclosure.

IX. TERMINATION OF AGREEMENT: -

1. The Engineer-in-Charge may terminate the agreement after giving notice of 30 days under the following circumstances:
 - a) If the TPQAA fail to render the performance under the agreement. Documentary evidence of no-performance by TPQAA shall be given in such circumstances.
 - b) If as the result of force majeure, the TPQAA are unable to perform a material portion of the services for a period of not less than ninety (90) days.
 - c) This agreement will automatically be terminated, if the main contract for execution of the work is determined /foreclosed by the competent authority.
 - d) Upon terminal of this TPQA agreement, the last payment shall be considered as the final payment for TPQA service, irrespective of agreement termination date. Also the Engineer-in-charge shall settle all the payments for testing performed by TPQAA.
2. TPQAA may terminate the agreement after giving a written notice of 30 days under the following circumstances.
 - a) If CAs fail to adhere to the minimum QA plan as laid down by TPQAA.

b) If the CAs fail to make timely payments to TPQAA as per the payment schedule.

X. DISPUTE REDRESSAL: -

All disputes arising out of agreement shall be referred by the either party to the Commissioner, NESTS, Ministry of Tribal Affairs, Jeewan Tara Building, New Delhi-110001, whose decision shall be final and binding.

Zonal Manager or Representative, Construction Agency

Nodal Officer (CED), Third Party Quality Assurance Agency

Name of TPQA Agency: -		
Sl No.	Particulars of work:	Remarks.
1.1	(a) Name of work	
	(b) Description/Scope of work	
1.2	(a) Sub-Division and name of Assistant Engineer:	
	(b) Division and name of Zonal Manager or Representative	
	(c) Circle and name of superintending Engineer.	
	(d) Zone and name of Chief Engineer.	
1.3	Agency/contractor	
	(a) Name:	
	(b) Registration class	
1.4	Agreement No.	
1.5	Stipulated time and date of start.	
1.6	Stipulated time and date of completion.	
1.7	(a) Estimated cost put to tender	
	(b) Schedule of rates applicable.	
1.8	Accepted tendered cost with overall percentage.	
1.9	Percentage progress at time of inspection vis-à-vis expected as per contract and reasons for delay, if any.	
1.10	Inspection officers (Name and Designation)	
1.11	Officers and contractor present during inspection (Name and Designation)	
1.12	Date of inspection and number	
2.0	Quality control Aids:	
2.1	Is site equipped with	
	(a) Copy of agreement	
	(b) CAs specification along with upto date correction slips.	
	(c) List of ISI marked/approved materials to be used.	
	(d) Guard file containing inspection report of CTE/QCTA/AE/QC/Zonal Head/GM/SE/SE etc.	
	(e) Testing facilities to check conformation to acceptance criteria	
	(f) QAFW circular on quality control	
2.2	Is field laboratory existing and well equipped	
3.0	Department procedure aspects	
3.1	Maintenance of inspection register.	
3.2	Highlights of inspection by CE cum ED, EE, AE (P) requiring compliance.	
3.3	Are all site register maintained in standards forms?	
3.4	Are test registers reviewed by EE/SE with dates	

3.5	Cement Registers	
	a.) Is cement store checked by AE/EE periodically as stipulated	
	b.) Comment on cement stock with reference to cement register.	
3.6	Site order book and schedule of defects	
	a) Is site order book properly maintained?	
	b) Is site order book reviewed by DGM and GM (Mention details)	
	c) Have timely notices been issued to the contractor with the schedule of defects/damages whether action under clause 14/17 initiated?	
4.0	Process control aspects:	
4.1	Is soil investigation done? (Give brief details)	
4.2	Suitability of water for construction:	
	(a) What is the sources of water?	
	(b) Has water been tested subsequently (i.e. after every 03 months) and found fit for use in works.	
	(c) Has water been tested subsequently (i.e. after every 03 months) and found fit for use in works.	
4.3	Are 10% (25% for concrete) of all samples for testing taken in presence of GM as per DG (W)'s OM No.28/7/86-WI(DG), Circular No.9/87 dated.01.09.1987/06.10.201987.	
4.4	Are all mandatory tests carried out at stipulated frequency?	
4.5	Are materials approved by Engineer-in-Charge If so, are samples available at site?	
4.6	Are sample units/items completed and approved by EE before start of mass finishing work?	
4.7	Specific control on RCC work like centering/shuttering, proportioning with boxes: mixing by full bag capacity hopper fed mixer: control of slump: placing/compaction with vibrator.	
4.8	Any other particular comments on adequacy of process control.	
5.0	Site inspection for observations and comments on quality control system in place.	

5.1	Observation on floor slope (especially in Bath, WC, Kitchen, Terrace, Balcony etc).	
5.2	Observation on QC for dampness/leakages prevention. If dampness/leakages notices, then locations and probable reasons.	
5.3	Samples collected by QC/Cell.	
6.0	Observations on site materials QC aspects (Keeping in view the requirement of contract specifications: BIS marked/CAs approved products etc.) (Attached separate sheet, if required).	
7.0	Observations on workmanship QWC aspects. (Attached separate sheet, if required)	

Date: _____

To

The Zonal Manager
Construction Agency of Zone
Correspondence Address of CA

We hereby submit our rate in % of the tendered amount for the TPQA of the respective Construction Of Eklavya Model Residential School (EMRS) in the state of including Civil Work, Electrical Work , Sanitary, Plumbing , External Water Supply System , Fire Protection System , Street Light , CC Road and part of Development Work.

Sl. No.	Service Charges (% of project cost) (Exclusive of GST only.)	
	(in figure)	(in words)
01		

We agree to undertake the work of TPQA on all terms and conditions of NESTS as mentioned above.

We also understand that the above quoted service charges are **exclusive of GST only**. Nothing extra shall be paid on such account. We also undertake and confirm to deposit the so collected GST/taxes to the Govt. in time bound manner.

[Signature with date, name and designation]

Duly authorized to sign Bid for and on behalf of

(Name of Organisation)



राष्ट्रीय प्रौद्योगिकी संस्थान पटना / NATIONAL INSTITUTE OF TECHNOLOGY PATNA
अशोक राजपथ, पटना, बिहार / ASHOK RAJPATH, PATNA – 800 005, BIHAR
(An Institute of National Importance under Ministry of Education, Govt. of India)
Department of Civil Engineering

दिनांक / Date : 28.07.2021

To,

The Commissioner,
NESTS, Ministry of Tribal Affairs,
Government of India,
Room No.- 1, Ground Floor Gate no.3 A,
Jeevan Tara Building, Parliament Street,
New Delhi- 110001

Ref. No. : D.O. NESTS/Civil/TPQA/49/2020-21, dated- 22.06.2021.

Sub : Submission of Third Party Quality Assurance (TPQA) service charges.

Sir,

We are willing to take up the above mentioned work at the rate of 0.25% of the estimated cost excluding GST.

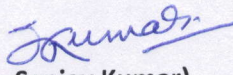
Under this consultancy work the defined scope of work will be

1. Comprehensive plan to check the quality of construction work, structural soundness as per CPWD specifications.
2. Approval of execution methodology as per the relevant Indian standard.
3. Checking of construction materials for ensuring the quality work.
4. Checking the safety norms at site as per NBC guidelines.

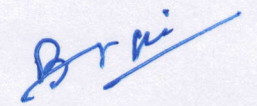
In light of the above scope we are willing to provide TPQA to the construction of EMRS building of State Bihar, Jharkhand and Orissa.

Thanking you

Looking to hear from you


(Dr. Sanjay Kumar)
CED, NIT Patna




(Dr. Baboo Rai)
CED, NIT Patna



राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
M. G. AVENUE, DURGAPUR- 713209 (WEST BENGAL), INDIA
Department of Civil Engineering
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Ph. : +91 94347 88099
Email : amiyak.samanta@ce.nitdgp.ac.in

No. : NITdgp.CE/AKS.SP/2021.07/01

To
Shri Asit Gopal, I.F.S, Commissioner
National Education Society for Tribal Students (NESTS)
Ministry of Tribal Affairs, Government of India
Room No. 1, Ground Floor, Gate No.3 A, Jeevan Tara Building,
Parliament Street, New Delhi 110001
Contact No. : +91-11-23340277
email : asit.gopal@nic.in

Date : 19-07-2021

Ref.: Your letter /D.O. No. NESTS/Civil/TPQA/49/2020-21 dt. 22-06-2021 received via nests-tribal@tribal.gov.in
Job. : Consultancy for Third-Party Quality Assurance (TPQA) for the Construction of Eklavaya Model Residential School (EMRS) set-ups at Jharkhand and Orissa.
Sub : Comprehensive budgetary offer (Service accounting code 998334),
Our PAN# AAALN0451E, GST# 19AAALN0451E1ZC.

Dear Sir,

Seasons Greeting from the Campus of NIT Durgapur !!!

This has reference to the abovementioned email and subsequent telephonic discussion, the undersigned had with you regarding the aforesaid project. In principle, we agree to carry out the job for Jharkhand State and a part of Orissa, which is within a radius of 250 km and hence would like to submit our tentative budgetary offer for the purpose

Sl no.	Description of the Item(s)	Rate: A (%)	Institute Overhead @30%	Subtotal (%)	GST @18%	Qty. /Set	Amount (%)
1	TPQA rate on updated Project cost	0.80	0.24	1.04	0.19	1	1.23
	Total=						1.23

PAYMENT /BANK DETAILS :

Canara Bank A/c # 8569 1010 03197, IFSC: CNRB0008569, MICR:713015203

Amount(100%) to be paid in Advance in favour of 'SRCC NIT Durgapur' payable at Durgapur, NIT Campus branch

Contact Person : office of Structural Engg lab, Mr. A. K Saha +91 9732211343 with Transaction slip from Bank

NB.: NIT Durgapur is exempted on TDS at sources, pl don't deduct TDS at source.

Kindly note that this budgetary offer can't be treated as a quotation for participating in any tendering process and this offer is valid for 3 months only from date of issue. We shall be able to start the work only on receipt of acceptance /confirmation of our budgetary offer from your end and on receipt of 60% of the said charges in advance (may be made unit basis). The final certification will be made available to be handed over on receipt of the balance amount (40%). May kindly note that deployment of Regular /Permanent Technical Staff /Engineer at site on daily basis is not under the scope of this offer.

Please do not hesitate to contact us in case you require any clarification.

Thanking you.

Amiya K. Samanta : PI
Professor

Dr. Supriya Pal
Associate Professor
Department of Civil Engineering
National Institute of Technology Durgapur
Durgapur - 713209, W.B., India

Supriya Pal : Co-PI
Associate Professor

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 : 0657-2373407, 3092899
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 FAX: 0657 - 2373246



Email: hod.civil@nitjsr.ac.in
 Mob No.: 9430746532

NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR
 (An Institution of National importance under MHRD, Government of India)
JAMSHEDPUR-831014

GSTIN No.: 20AACAN7221M1ZR

Ref. No.: NIT/DCE/2021/402

Date: 30/07/2021

From: Head of the Department
 Dept. of Civil Engg.
 NIT Jamshedpur

To: Mr. Asit Gopal, I. F. S.
 Commissioner, National Education Society for Tribal Student (NESTS)
 Ministry of Tribal Affairs, Gov. of India, New Delhi.
 (GSTIN No.:)

Sub.: Proposal for the Third-Party Quality Assurance (TPQA) of Construction of Eklvaya Model School [EMRS] / EMDBS at Various Locations in the State of Jharkhand and Odisha.

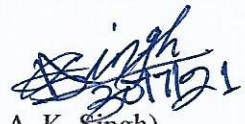
Ref.: Your Letter. No. NESTS/Civil/TPQA/49/2020-21, dated 22.06.2021.

Sir

This has reference to the above-mentioned letter for providing the Third-Party Quality Assurance (TPQA) of Construction of Eklvaya Model Schools [EMRS]/EMDBS at Various Locations in the State of Jharkhand (43 nos.) and considering adjoining district of Jamshedpur [Mayurbhanj, Odisha (26 nos.)] and total 69 schools. We are in principle agreed to do the said work @ 0.25 % of the total estimated construction cost of each school, which includes inspection charge, TA, DA and institute head. The testing of materials and NDT will be charged in addition to 0.25 % . GST @ 18 % will be charged extra on the total value. The details of the above mentioned work and our terms and conditions are enclosed herewith for your ready reference.

Yours Sincerely,




 (Dr. A. K. Singh)
 Head, Dept. of Civil Engg.
 NIT Jamshedpur

A. Laboratory Testing Charges

Sl. No.	Name of the Test	Rate of each Test (Rs.)	Set of Tests	Cost of each Set (Rs.)
1	Compressive Strength Test of Concrete Cube	800/-	03	2,400/-
2	Brick Tests			
	Compressive strength Test	1,200/-	05	6,000/-
	Water Absorption Test	1,000/-	05	5,000/-
	Efflorescent Test	1,200/-	05	6,000/-
	Shape Test	600/-	05	3,000/-
3	Stone chips Tests			
	Specific Gravity Test	1,500/-	03	4,500/-
	Sieve Analysis	2,000/-	01	2,000/-
	Water Absorption Test	1,000/-	03	3,000/-
	Impact Value Test	2,000/-	01	2,000/-
	Crushing Strength Test	2,500/-	01	2,500/-
4	Sand Tests			
	Specific Gravity Test	1,500/-	01	1,500/-
	Sieve Analysis	2,000/-	01	2,000/-
	Silt Content	1,000/-	01	1,000/-
	Bulking of Sand	2,500/-	01	2,500/-
5	Cement Tests			
	Compressive strength of cement mortar cube	600/-	03	1,800/-
	Consistency Test	1,200/-	01	1,200/-
	Setting time Test	1,300/-	01	1,300/-
	Fineness	1,000/-	01	1,000/-
	Soundness	1,300/-	01	1,300/-
	Specific Gravity	1,200	01	1,200
6	Tensile test of Bar (12 mm/16 mm/20 mm/25 mm Dia.)	1,000/-	03	3,000/-
7	NDT Test	1,000/-	As per requirement of the site	
8	UPV Test	1,000/-	As per requirement of the site	
9	Rebar Tests	2,500/-	As per requirement of the site	
GST=18% will be charge in addition to the cost of the Tests				

Note: 1. Number of tests will be decided at the site after joint visit.

2. All the testing cost will be borne by the client.

B. Planning and Consideration

- | | |
|--|-------------------|
| 1. Project duration considered as | 02 years |
| 2. Average cost of construction (in phase I) of each school | 22 crores |
| 3. No. of Schools covered in one visit | - 4 Schools |
| [In view of the proposed locations in various district of Jharkhand, 4 schools will be covered in one visit] | |
| 4. Team Member | - 2 (two experts) |
| 5. No. of visit per Year | - 3/4 times |
| 6. Number of team (each team will have two expert) | - 10 |

We are in principle agreed to do the said work @ 0.25 % of the total estimated construction cost of each school, which includes inspection charge, TA & DA, and Institute Head. The testing of materials and NDT tests will be charged in addition to 0.25 %. GST @ 18 % will be charged extra on the total value.

Note: Total conveyance, lodging and food charges [TA & DA] will be charged as per actual expenditure and bills raised by tour & travels and hotels.

Over and above, if any government levies/taxes are imposed on us that will be charged separately.

Advance Payment:

1. 50 % of the value of 0.25 % of estimated construction cost of schools awarded to NIT Jamshedpur has to be paid in advance.

Experience:

1. TPQA of Forest Training School at Hazaribagh and Ranchi financed by JAICA (1% of the construction cost).
2. IVA/TPQA of Water Supply Scheme of Govindpur and Bagbera, Jamshedpur of Rs. 350 Crores and executed by ILFS and Govt. of Jharkhand.

Requirements:

1. Geotechnical investigation report performed by any NABL accredited laboratory or any Government Institutions has to be submitted for each site.
2. The detailed project report (DPR) for each of school (EMRS) should be submitted.

Scope of Consultancy Work [TPQA]:


1. Quality of construction work to be checked as per CPWD specifications.
2. Execution methodologies to be applied as per IS code.
3. Safety norms at site to be ensured as per Project Management concept.
4. Quality of building materials to be checked as per the list of tests enclosed.

Payment Mode:


The amount of TPQA has to be paid in the form of demand draft in favour of "The Director, NIT Jamshedpur" payable at SBI, NIT Jamshedpur (Code No. 1882) or NEFT/ RTGS in Institute Account No. 10678399349, IFSC SBIN0001882.

Our GSTIN No.: 20AACAN7221M1ZR.

Yours Sincerely,

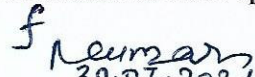

Investigator(s)
Dept. of Civil Engg.,
NIT Jamshedpur



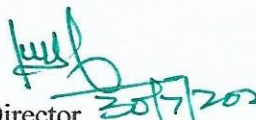

(Dr. A. K. Singh)
Head, Dept. of Civil Engg.,
NIT Jamshedpur
HEAD
DEPT. OF CIVIL ENGG.
NIT, Jamshedpur

The above rates of consultancy work may kindly be approved.

Forwarded & Recommended for approval.


30.07.2021
(Niranjana Kumari)
Dean (R & C)

Approved


Director
NIT Jamshedpur

c/9(I)

Proposed List of Eklavya Model Residential School (EMRS)/ Eklavya Model Day Boarding School (EMDBS) for TPQA by Department of Civil Engineering, NIT Jamshedpur

S.No.	State	District	Block/ Taluka	Year of sanction	Construction Agency
JHARKHAND					
1	Jharkhand	Khunti	Khunti	2018-19	NPCC
2	Jharkhand	Khunti	Torpa	2018-19	NPCC
3	Jharkhand	Khunti	Murhu	2019-20	NPCC
4	Jharkhand	Gumla	Albert Ekka (Jari)	2019-20	NPCC
5	Jharkhand	West Singhbhum	Noamundi	2019-20	NPCC
6	Jharkhand	West Singhbhum	Manoharpur	2019-20	NPCC
7	Jharkhand	West Singhbhum	Tantnagar	2019-20	NPCC
8	Jharkhand	West Singhbhum	Sonua	2019-20	NPCC
9	Jharkhand	East Singhbhum	Potka	2019-20	NPCC
10	Jharkhand	East Singhbhum	Dumaria	2019-20	NPCC
11	Jharkhand	Ranchi	Angara	2019-20	NPCC
12	Jharkhand	Ranchi	Chanho	2019-20	NPCC
13	Jharkhand	Ranchi	Lapung	2019-20	NPCC
14	Jharkhand	Saraikela Kharsawan	Rajnagar (Gobindpur)	2019-20	NPCC
15	Jharkhand	Gumla	Chainpur	2020-21	B&R
16	Jharkhand	Gumla	Dumria	2020-21	B&R
17	Jharkhand	Gumla	Ghaghra	2020-21	B&R
18	Jharkhand	Gumla	Gumla	2020-21	B&R
19	Jharkhand	Gumla	Kamdara	2020-21	B&R
20	Jharkhand	Gumla	Palkot	2020-21	B&R
21	Jharkhand	Gumla	Raidih	2020-21	B&R
22	Jharkhand	Gumla	Sisai	2020-21	B&R
23	Jharkhand	Gumla	Bharno	2020-21	B&R
24	Jharkhand	Khunti	Rania	2020-21	B&R
25	Jharkhand	Khunti	Arki (Tamar II)	2020-21	B&R
26	Jharkhand	Paschimi Singhbhum	Anandpur	2020-21	HSCL
27	Jharkhand	Paschimi Singhbhum	Bandgaon	2020-21	HSCL
28	Jharkhand	Paschimi Singhbhum	Hatgamharia	2020-21	HSCL
29	Jharkhand	Paschimi Singhbhum	Jhinkpani	2020-21	HSCL
30	Jharkhand	Paschimi Singhbhum	Kumardungi* changed to Chaibasa block	2020-21	HSCL
31	Jharkhand	Paschimi Singhbhum	Majhgaon	2020-21	HSCL

A collection of handwritten signatures and initials in black ink, including names like 'S. M. Das', 'P. J.', 'Anu', 'Leston', 'Anshu', and 'S. K. Das'. There are also some circular stamps or marks.

c/9(I)

32	Jharkhand	Paschimi Singhbhum	Manjhari	2020-21	HSCCL
33	Jharkhand	Paschimi Singhbhum	Tonto	2020-21	HSCCL
34	Jharkhand	East Singhbhum	Dhalbhumgarh	2020-21	HSCCL
35	Jharkhand	East Singhbhum	Gurbandha	2020-21	HSCCL
36	Jharkhand	Ranchi	Namkum	2020-21	TCIL
37	Jharkhand	Ranchi	Nagri	2020-21	TCIL
38	Jharkhand	Ranchi	Mandar	2020-21	TCIL
39	Jharkhand	Ranchi	Bero	2020-21	TCIL
40	Jharkhand	Saraikela Kharsawan	Kuchai	2020-21	WAPCOS
41	Jharkhand	West Singhbhum	Goilkera	2020-21	HSCCL
42	Jharkhand	Gumla	Bishunpur	TBS	B&R
43	Jharkhand	Pashchimi Singhbhum	Khuntpani	TBS	HSCCL

ODISHA

1	Odisha	Mayurbhanj	Bisoi	2019-20	WAPCOS
2	Odisha	Mayurbhanj	Jamda	2019-20	WAPCOS
3	Odisha	Mayurbhanj	Tiring	2019-20	WAPCOS
4	Odisha	Mayurbhanj	Badampahar (Kusumi)	2019-20	WAPCOS
5	Odisha	Kendujhar	Patana	2020-21	HSCCL
6	Odisha	Kendujhar	Telkoi	2020-21	HSCCL
7	Odisha	Mayurbhanj	Gorumahisani	2020-21	HSCCL
8	Odisha	Mayurbhanj	Jashipur	2020-21	HSCCL
9	Odisha	Mayurbhanj	Raruan	2020-21	HSCCL
10	Odisha	Mayurbhanj	Thakurmunda	2020-21	HSCCL
11	Odisha	Mayurbhanj	Koliana	2020-21	HSCCL
12	Odisha	Mayurbhanj	Barsahi	2020-21	HSCCL
13	Odisha	Mayurbhanj	Kaptipada	2020-21	HSCCL
14	Odisha	Kendujhar	Baria	TBS	HSCCL
15	Odisha	Kendujhar	Saharapada	TBS	HSCCL
16	Odisha	Kendujhar	Nayakote	2021-22	HSCCL
17	Odisha	Kendujhar	Ghatgaon	2021-22	HSCCL
18	Odisha	Kendujhar	Harichandanpur	TBS	HSCCL
19	Odisha	Mayurbhanj	Shamakhunta	TBS	HSCCL
20	Odisha	Mayurbhanj	Jharpokharia	TBS	HSCCL
21	Odisha	Mayurbhanj	Baripada	2021-22	HSCCL
22	Odisha	Mayurbhanj	Bijatola	TBS	HSCCL
23	Odisha	Mayurbhanj	Rasagobindapur	TBS	HSCCL
24	Odisha	Mayurbhanj	Udala	TBS	HSCCL
25	Odisha	Mayurbhanj	Gopabandhunagar	TBS	HSCCL
26	Odisha	Mayurbhanj	Mahuldiha	TBS	HSCCL

S. Mohan
 M. C.
 A. K.
 S. K.
 S. K.