



Request for Proposal

Invitation of bids for construction of Cart path & Cross drainage works.

at KGA Golf course.

Request for Proposal (RFP) No.03/2023-24 Dated: **23.02.2024**.

Advertisement in Newspaper on: 24.02.2024

Website: www.kga.in

1. The Karnataka Golf Association is seeking qualified & experienced Civil Contractor for the construction of cart path & cross drainage work.
 - a) Bids in sealed cover are invited for the work mentioned in Part 1 of RFP. Please superscribe the name of the project: "Construction of Cart Path & Cross-drainage Work", and RFP number on the sealed cover.
2. Contact details:
 - a. Bids/Queries to be addressed to:

The Hon. Secretary,
Karnataka Golf Association,
No.1, Golf Avenue, Kodi Halli, off. Airport Road
P.B.No. 817, Bengaluru, Karnataka 560008.
Email: Projects@kga.in
 - b. Name/Designation of the contact personnel:
 - Mr. Manohara S Nagaraj, Project Manager – Civil, KGA. Email: Projects@kga.in
 - Mr. Ramesh Babu, Course Deputy Superintendent, KGA Email: Projects@kga.in
3. Request for Proposal
 - a. Part 1: Contains general information and instruction for the bidders such as time, place of submission, opening of the tenders, validity period of tender document.
 - b. Part 2: Contains details such as the **Technical Specifications, Bill of Quantity & Drawings.**
 - c. Part 3: Contains standard commercial conditions, which will form part of the contract with the successful bidder.
4. This RFP is being issued with no financial commitment and the buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw RFP, should it be deemed necessary at any point of time.

Part 1: General information

Last date & time for depositing the bids: 04/03/2024 by 04.00 PM.

Bidders shall be responsible to ensure that the sealed techno-commercial bid reaches KGA Main Office by the due date & time.

Manner of depositing the bids: Sealed bids should be either dropped in the tender box kept in the main office of KGA or be sent by registered post to the address given above. Late submission of tenders will not be considered. No responsibility will be taken for non-delivery/non receipt of bid documents.

Time & Date for opening of Bids: 04/03/2024 at 05.00 PM.

KGA reserves the right to alter the date / time for opening bids on account of exigencies.

Location of the tender box:

The tender box will be placed in the Main Office. Only bids deposited in the sealed tender box will be considered.

Place of opening the Bids:

Tender will be opened in the Main Office, **KGA**.

Number of bids: Only single bid per Contractor

Forwarding of Bids: Bids should be submitted under the Contractor's letter head and with details like GST Number, Bank Account with complete NEFT details, postal address & email ID of concerned personnel.

Clarification regarding RFP: A prospective bidder who requires clarification regarding contents of the bidding document (RFP) shall email to KGA the clarification sought at least 3 days prior to the date of opening of the bids. Clarification by KGA will be provided to the querist as well as other bidders as deemed necessary by KGA.

Clarification regarding contents in the bids: During the evaluation and comparison of bids, the KGA may at its discretion, ask the bidder for clarification on their bid.

Rejection of bids: Canvassing by the bidder in any form, unsolicited letter and post tender correction may invoke summary rejection. Conditional tenders may be rejected.

Validity of Bids: The bids should remain valid for a period of 30 days.

Earnest Money Deposit (EMD) – Bidders have to submit a refundable Earnest Money Deposit of 2% of the tender value by Bank Draft along with their tender submissions. This would be refunded to those not selected. For the selected vendor, this would be converted as Security Deposit and retained for a Defect Liability Period of one year after the completion of the project.

Tender Fee: Bidders are required to submit a non-refundable tender fee of Rs Five Thousand only (Rs 5,000) by demand draft along with their submissions. This tender fee is to cover administrative expenses associated with the evaluation process.

Tender fee must be paid in Demand draft (DD)

Account details as below:

Karnataka Golf Association

Account No : 2326010000473

IFSC: ICIC0002326

Bangalore - Old airport road Branch

Part II - Essential details of Materials / Service Required

Name of Work: Construction of cart path & cross drainage work at Karnataka Golf Association, Bengaluru.

The following documents are enclosed:

- A. Technical specification
- B. Bill of Quantity (BOQ)
- C. Drawings

A. Technical specification

Bidders to consider the below mentioned technical parameters for the construction of cart path & cross-drainage.

1. The traffic considered is up to 50 CVPD and the design has been done as per IRC: SP: 62-2014.
2. Earthwork excavation considering Road top level (RTL) flushing to existing Ground level (GL)
3. The compaction of the original ground by 10 Tonnes mechanical roller before laying WMM.
4. Wet Mix Macadam for a depth of 150 mm.
5. Plain cement Concrete (PCC) for a depth of 100mm thick.
6. HDPE sheet over the PCC for 2.5m (since the cart path is of 2.5 m width)
7. Pavement Quality concrete (PQC) of M30 grade for a depth of 100mm with reinforcement of TMT 8mm dia at 300mm C/C Bothway.
8. Dowel bar joints at a day end work.
9. The vacuum dewatering process must be applied to the PQC layer.
10. Groove cutting at distance of 4.0m including filling as per (Prevailing IS)
11. Excavation for CD head wall works at gorge portion is of 7No's.
12. Levelling course of M10 grade for thickness 10cm for head wall.
13. Construction of head wall flushing to the RTL with M20 grade concrete.
14. Providing NP3 class pipe of 300mm dia to pass the storm water at gorge portion to avoid effect to the cart path.

Abbreviations used:

RTL – Road top level

GL – Ground Level

WMM - Wet mix macadam

PCC – Plain cement concrete

PQC – Pavement Quality Concrete

CD – Cross drainage

M10 – Mix 10 grade (1:3:6) & M 30 – Design Mix

CVPD – Commercial vehicles per day.

IRC – Indian road congress

C/C – Centre to centre

NP3 – Non pressured

HDPE - High Density Polyethylene





Bill of Quantity (BOQ)

Construction of Cart path & Cross drainage works at KGA						
Sl No	Description	Unit	Qty	Rate	Amount	Remarks
A	Construction of cart path work					
1	Earth work in surface excavation by mechanical means for lowering & levelling the ground for all works other than foundation in all kinds of soils as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse within KGA premises including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.	cum	2128.7			
2	Loosening, levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve maximum dry density as given in Table 300-2 for embankment construction. (Vol-3, Page no. 15, Item No:3.7) (Cost for the all necessary field & laboratory tests to be included)	cum	912.3			
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam of 150 mm thick (CBR minimum 100% / for aggregate 26.5mm – 75µ) specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site , laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with 8-10 tonne vibratory roller to achieve the desired density.. (Vol-3, P. No. 26 / I. No. 4.17) (Cost for the all necessary field & laboratory tests to be included)	cum	912.3			
4	Providing and laying of 100mm thick plain cement concrete (PCC) (1:4:8) with a specified grade at all levels and heights as specified below, using ordinary Portland cement of grade 53/43, cleaned and approved sand, 20mm down size aggregates, etc., for concreting including placing by pumping, boom placer, necessary shuttering, etc., Providing , laying & fixing of 125 micron thick polythene film underneath of PCC layer & complete as per the directions & complete with all lead and lift for all materials and labor as directed by the PMC. (Cost for all necessary field and laboratory tests to be included)	cum	608.2			
5	Providing and constructing reinforced cement concrete pavement, thickness of 100 mm, over a prepared sub base , with 43 grade cement of M30 (Grade), coarse and fine aggregates conforming to IS:383 , maximum size of coarse aggregate not exceeding 20 mm, mixed in a RMC concrete mixer and appropriate weigh batcher using approved mix design in RMC yard and transported in Transit mixer vehicle. laying of approved fixed side formwork ,steel channel, wedges, steel plates including levelling the formwork , spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation curing of concrete slabs for 14- days , with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipment, etc., (Cost for the all necessary field & laboratory tests to be included) (Compressive strength test & Slump test)	cum	608.2			
6	Vacuum dewatered process by using an approved make equipment and finishing the top-surface to required level and grade using power trowels with brush finishing complete as per directions of the PMC .	Sq.mts	6080			
7	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by PMC (Every 4.0m interval)	mtrs	1520.5			
8	Providing to contraction joints Sika* polysulphide sealant (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealant reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape . Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealant is applied and applying primer. Contraction and (15 mm. deep x 8 mm.wide).(Every 4.0m interval) (refer the manual for proper mixing of sealant)	mtrs	1520.5			
9	Supplying, fitting and placing of 8mm Dia TMT FE 550 / 550D Steel Reinforcement 300mm c/c bothways , including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, lapping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification (Make of steel - JSW, tata or Equivalent)	TONNE	17			
		Total (A)				

B Construction of Cross drainage work						
1	Earth work excavation for Foundation by manual or mechanical means for all works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift up to 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work In all kinds of soils Depth up to 3 m (Vol-1, P. No. 8 / I. No. 1.14.1)	cum	17.57			
2	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour, rolling, water, all materials, usage & all other appurtenances required to complete the work. (Vol-1, P. No. 7 / I. No. 1.8)	cum	1.92			
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness , well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (Vol-1, P. No. 15 / I. No. 2.1.3)	cum	2.064			
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Vol-1, P. No. 17 / I. No. 2.4.2)	cum	9.02			
5	Providing and laying of a reinforced cement concrete pipe duct, 300 mm Dia NP3, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, be added on a 0.3 m thick layer of granular	m	17.5			
6	Supplying, fitting and placing 8mm Dia TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, lapping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification	Tonne	0.35			
				Total (B)		
				Sub total (A+B)		
				GST 18%		
				Grand Total		

Topographic Map of the Golf Course of the Karnataka Golf Association



-  Existing Bridges
-  Newly Proposed Bridges
-  Existing cart paths
-  Newly proposed Cart Path

Proposed road number & length

Road-1	237.00
Road-2	354.00
Road-3	117.00
Road-4	164.00
Road-5	128.00
Road-6	157.00
Road-7	133.00
Road-8	288.00
Road-9	70.00
Road-10	158.80
Road-11	55.00
Road-12	25.00
Road-13	60.00
Road-14	125.00
Road-15	35.00
Road-16	50.00
Road-17	211.00
Road-18	65.00

Note: All units are in meters

TITLE :
Topographic Map of the Golf Course of the Karnataka Golf Association

DWG: Drawing showing Newly proposed roads

Scale: 1: 2000

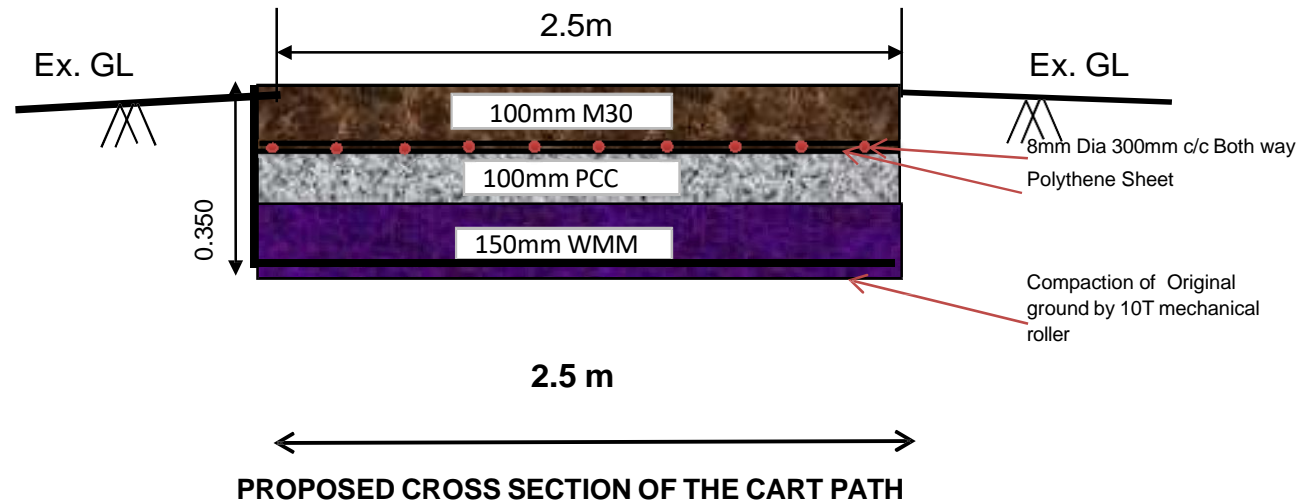
Project Area: 4,55,106.81 sq.m ; 112.45 Acres

Perimeter of the Project Area: 3,491.32 m ; 3.49 km

CLIENT:
KARNATAKA GOLF ASSOCIATION
No.1 Golf Avenue, Kodihalli, Bengaluru-560008

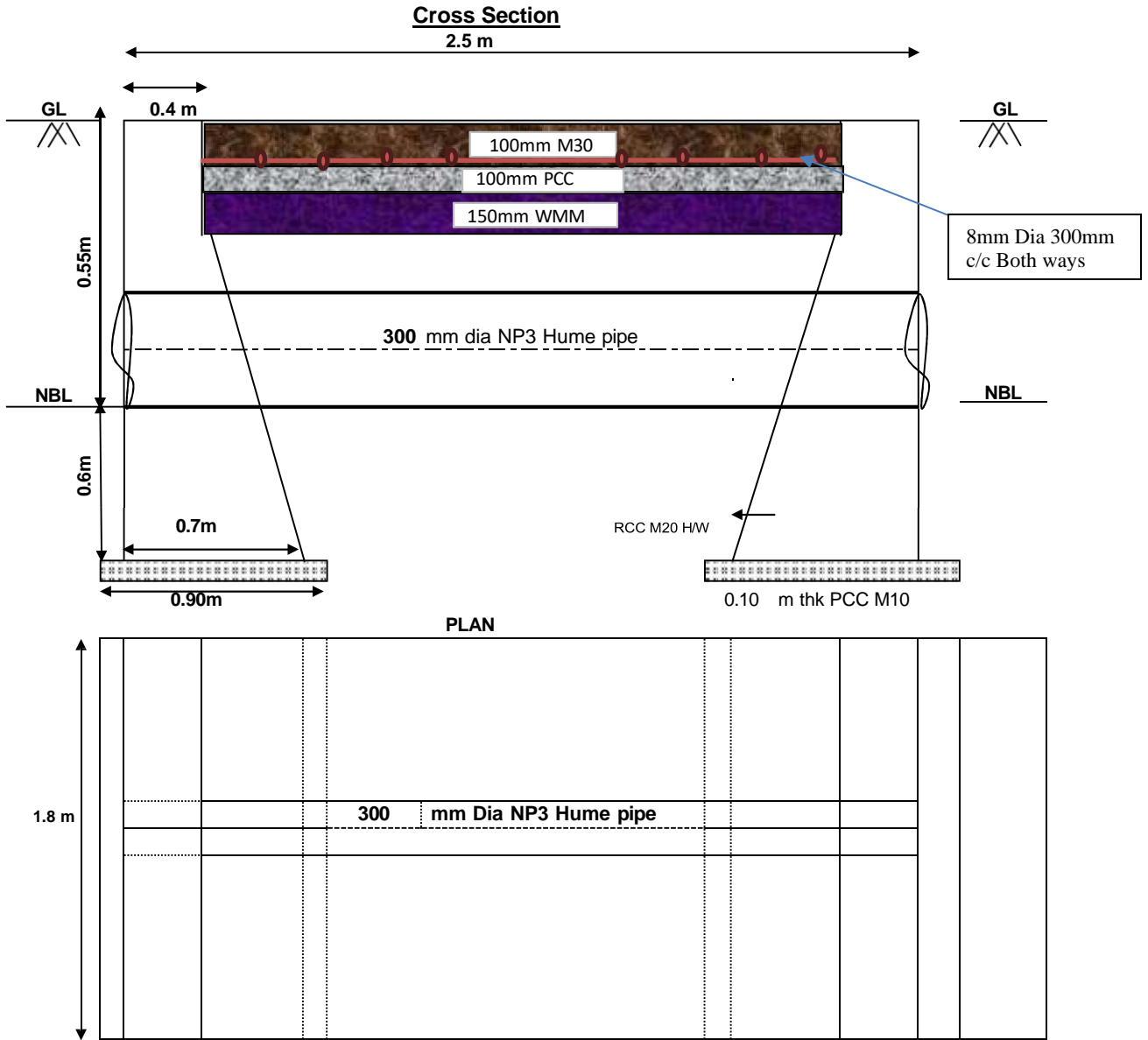
CONSULTANTS: **KATCON** Consultants
"Padmakunj", #247, Ranade Road
Tilakwadi, Belagavi- 590006
E-mail: katconbgm@gmail.com
Cell: 9448121147

Name of Work: Construction of cart path work in Karnataka Golf Association Bangalore



Note:	
WMM	Wet Mix Macadam
PCC	Plain cement Concrete (1:4:8)
M30	M30 Grade Cement Concrete

Name of Work: Construction of cart path work in Karnataka Golf Association Bangalore



Part III

I. **Standard Commercial Conditions.**

1. **Description of work:** Construction of a cart path & cross drainage works at KGA golf course.
2. **Contract Documents:** Submit the Technical & Commercial Quotations along with the Company profile, audited financial statements for 2 years, GST certificate, PAN card copies, etc.
3. **Work done certificates:** "The bidders **must provide details of two similar works they have previously executed, including client information (3 references with contact name, phone & mail id), project details, and project costs.** The project costs of the previous works should have been at **least twice the proposed project cost** in KGA."
4. **Mapping on Ground:** Prior to executing the work, the selected **contractor should map the exact ground location according to the drawing (including width, turning radius, widening at curves, etc.)** and present it to the Project Committee members and Project Manager.
5. **Completion Time:** Work completion is estimated at 30-45 days. Bidders must submit a project timeline indicating stages / milestones.
 - Please note that KGA reserves the right to cancel the work order based on exigencies.
 - Delayed commencement: If the contractor fails to commence work within 10 days of receiving the work order, the management reserves the right to take appropriate action, including cancellation.
6. **Payment Terms:** Invoices, with all supporting data & documents and after due validation by KGA consultant/ engineers, would be paid within 3 weeks of submission.
 - In case of any advance payment, bank guarantee would be required from a scheduled bank, valid for a period of 1 year.
 - Running Account (RA) bills may be submitted after completion of different stages of work (milestone).
7. **Indemnification and Liability:** In accordance with this tender document, the selected contractor is obligated to indemnify and absolve KGA from any claims, damages, or liabilities arising from the cart path project. This indemnification encompasses instances of negligence, third-party claims, and environmental non-compliance.
8. **Warranties:** The contractor guarantees that the cart path project will be free from defects in materials and workmanship for a period of 1 year. Any identified issues during this period will be promptly corrected by the contractor at no additional cost to KGA. The warranty encompasses materials, workmanship, and compliance with specifications, providing assurance for the project's quality and durability.
9. **Licences & Permits:** Bidders must hold all necessary licences & permits from Government agencies for undertaking this type of work.
 - **KGA Approvals:** The contractor is required to seek permission from Chairman Course / Chairman Project Sub-committee before undertaking any excavation, demolition, tree cutting, or other activities which may affect the Golf Course.

- 10. Liquidated damages:** In the event of the contractor's failure to submit requisite documents including bank guarantees, licence copies, labour compliances proof, supply of materials & consumables, hiring of equipment & tools, exercise care & diligence in the execution of the project, and adherence to other terms & conditions, KGA may at its discretion, withhold any payment until the deficiencies are rectified.
- The KGA may also deduct from the sellers as agreed, liquidated damages up to 1% of the contract price for every week, or part thereof, of delay in achieving project milestones as agreed subject to maximum liquidated damages value of 10% of the contract price.
- 11. Retention money:** 5% of the contract amount will be deducted from each bill and (i) 2.5 % shall be released on satisfactory completion and (ii) balance 2.5% shall be released 12 months after satisfactory completion of project.
- 12. Bidders must comply with all labour laws, GST, and income tax requirements as applicable.** Some of the laws & regulations which may be applicable are given below:
- Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971
 - Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979
 - Child Labour (Prohibition and Regulation) Act, 1986.
 - Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996
 - Payment of Wages Act, 1936, Minimum Wages Act, 1948, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, Apprentice Act 1961 and the modifications thereof or any other laws relating thereto, and the rules made there under from time to time.
- 13. Night working:** Necessary arrangements like electricity connections, light fittings to be arranged at own cost.
- 14. Wastage:** In case of materials supplied by KGA, wastage would be to contractor account.
- 15. Defects in work:** contractor shall attend to defects in work noticed during progress or completion time, at no extra cost. Defects attended to by KGA, or agents engaged by KGA would be recovered from Contractor.
- 16. KGA project in charge:** Contractor should always adhere to his instructions.
- 17.** Work carried out by contractor shall be in adherence to specifications, rules & regulations of Government authorities.
- 18.** Contractor shall maintain at its own expense, during the entire period of the construction –
- (1) a general liability insurance policy, which will protect the contractor from claims of property damage, and bodily injury, with limits of liability not less than 25% of the project value.**
 - (2). Workers compensation insurance policy / ESI as applicable.**
- 19.** Samples of **all materials to be used should be approved by KGA nominated project-in-charge.**
- 20.** The laboratory and field test results report should be submitted promptly to the Project Manager.
- 21.** In the case of any disputes, the courts at Bangalore alone shall have the jurisdiction in respect of all the matters concerning this agreement and decided according to the laws of India.

22. Bidders will be shortlisted, and the final decision to award the tender shall be based on the selection criteria determined by the Project Subcommittee."

II. Documents to be submitted:

- Bid Documents: Technical & Commercial Quotation
- Bidder profile with details of similar projects executed & customer references.
- Resources (engineers, staff, equipment) available
 - Qualifications and Experience of key personnel
- Audited financials - last 2 years
- Project Schedule & estimated timelines
- Quality Control Plan:
- Licences & Permits