

NOTICE INVITING TENDER (NIT)

Sub: Construction of BT, PCC& RCC ROADS at APHMEL - Reg

Enquiry Number	EAPH25O047 Dated: 13.11.2025
Tender ID	
Tender Category	Works
Order Type	Firm Order
Mode of Tendering	e-Tendering
Number of Sources	Single
Mode of enquiry	Open
Tender Stages	Double packet system: PQ Stage-(Technical Bid & Commercial Terms) & Commercial Stage-(Price Bid)
Input Tax Credit	Applicable
Evaluation Type	Work Wise
Currency Type	INR (Indian Rupees)
Applicability of EMD	Applicable
Tender Due dates	As specified in the AP-Portal against above tender ID.

1. Tenders are invited for **Construction of BT,CC& RCC ROADS at APHMEL**
2. The Approximate value of the enquiry is 80,00,000

Bidders may send their queries regarding this enquiry

(Mail id: mpr@aphmel.com; aphmel@gmail.com)

APHMEL Help desk Numbers for Bid Submission:

Numbers: 91-0866-2872241.

Detailed Tender Notice

Online Tenders are invited through e-Procurement by the undersigned from the contractors of **State / Central Government departments or Public Sector Undertakings** for the following work. The Tender has been published through e-Procurement and for details, please visit <https://tender.apecurement.gov.in>.

Aspirant bidders can seek clarifications from tender inviting authority w.r.t. bid document 48 hours before bid submission closing date.

Tender Notice Number & Name of the work	Estimated Cost in Rs.	Period of completion
Construction of RCC, CC & BT roads in APHMEL company, CC floor repair works at APHMEL workshop	80,00,000/-	FOUR MONTHS from the date of Mark-out

I.	PRE-QUALIFICATION PROCEDURE.
1.	<p>Bid Capacity:</p> <p>The bidder should have available bid capacity more than Rs 80, 00,000.00 Ps. The available bid capacity will be calculated as under. The available bid capacity will be calculated as under.</p> <p align="center">2AN – B</p> <p>where</p> <p>A = Maximum annual turnover achieved by the bidder in civil works in any one financial year in the preceding ten (10) financial years (including current financial year).</p> <p>N = Time period prescribed for the subject work in number of years</p> <p>B = Updated value of all existing commitments during the contract period of The subject tender.</p>
	<p>Price updation @10% per year (without compounding) shall be applied to turnover (A) & existing commitments (B) for each completed year to bring the same to current year price level.</p> <p>Note: For this, bidder should furnish documentary proof established by either Chartered Accountant certificate clearly mentioning the turnover in Civil Engineering works only (duly supported with I.T. returns of the bidder) or from experience certificates obtained from clients and furnish details in Statement-I & II given in tender document and upload the same while bidding.</p>
5.	<p>E.M.D</p> <p>i) Earnest Money Deposit (EMD): 1% value of the offer being submitted and the EMD amount shall rounded to nearest Rs.100/- .The EMD shall be submitted to the Bank details enclosed in the AP E-Procurement portal at the time of Bid submission. For exemption of EMD, MSME Certificate to be submitted along with offer.</p> <p>ii) Firms shall indicate whether they are Micro, Small or Medium Entrepreneur for exemption of EMD</p> <p>iii) For un successful Bidders, EMD amount will be returned after finalization of the order</p> <p>iv) For Successful Bidder, EMD amount will be returned after submission of their Security Deposit</p>

II.	TENDERING PROCEDURE:	
1.	<p>The tender is floated with double packet system viz., Technical Bid and Price Bid.</p> <p>i) Technical Bid shall contain the documents in support of EMD, competence of the tenderer etc. All the documents shall be self-attested by the bidder. A check list is provided in the end of the tender document. The bidders are expected to fill in the same and upload along with the tender for ensuring submission of all documents.</p> <p>ii) Price Bid shall contains schedule of quantities and rates for other construction items and uploaded on e-procurement to enable the bidders to quote their uniform percentage on this.</p>	
	<p>Notwithstanding anything stated above, THE ANDHARAPRADESH HEAVY MACHINERY reserves the right to assess the capability and capacity of intending tenderers to perform the contract.</p>	
2.	<p>The ceiling of tender premium shall be 5% for this work.</p>	
3.	<p>Percentage quoted by bidder shall not be disclosed before opening of price bid. Violation of such confidentiality will attract rejection of bid.</p>	
4.	<p>In case of firms, they should submit the registered partnership deed and Registration Certificate issued by Registrar of firms. In case of Limited Company, Registration Certificate issued by Registrar of Companies, the Articles of Association etc., are also to be submitted.</p>	
5.	<p>DISCOUNT TENDERS & Additional FSD: In the event of discount tenders, which are less by (-) 25% of the estimated contract value of Part-B, a bank guarantee or demand draft/ FDR in favour of S.C.Co.Ltd for the difference between the tendered amount and 75% of the estimated contract value of Part 'B' should be paid as additional further security deposit by the successful bidder at the time of agreement.</p>	
6.	<p>The bidder shall scan and upload all the required documents/ certificates/ statements.</p> <p>Technical bid evaluation is solely based on the uploaded certificates. Clarification will be obtained in respect of uploaded documents only, if required.</p> <p>The bidder is liable to be disqualified and debarred, if false information is furnished in the forms/ statements/ certificates submitted in proof of qualification requirements and misled the company.</p> <p>If discrepancies are found even during the execution of work, the contract will be terminated duly forfeiting the security deposits. Further action will be taken as per Company procedures</p>	
7.	<p>e-Procurement Transaction Fee:</p> <p>The participating bidder should pay e-procurement Transaction Fee @ 0.03% on the estimated contract value i.e. Part-B of the work subject to prevailing ceiling amounts along with GST online to APTS.</p> <p>Further, successful bidder has to pay e-procurement corpus fund at 0.04% of Estimated Contract Value i.e. Part-B of the work subject to prevailing ceiling amounts to APTS through online on e-procurement portal within a stipulated period.</p>	



8.	Dates for submission/ opening of bids:
	(a) Bid submission start date & time
	(b) Bid submission closing date & time
	(c) Technical bids opening date & time
	(d) Price bids opening date & time
9.	<p>Submission of original documents:</p> <p>The department will notify the successful bidder for submission of originals of uploaded documents while bidding (which includes EMD instrument) for verification and to pay e-procurement Corpus fund to APTS authorities through online on e-procurement portal within a stipulated period.</p> <p>If any successful bidder fails to submit the above i.e., original documents and proof of payment of e-procurement corpus fund to APTS within the stipulated time, they will be suspended from participating in the tenders on e-procurement for a period of three years, forfeiting EMD and debarring for one year from participating in APHMEL tenders (Off line & outsourcing tenders also). If the bidder is a JV firm, above action will be taken against all the individual partners of JV firm.</p>
10.	Conditional tenders will not be accepted.
11.	The successful tenderer shall submit self-attested copy of GST registration certificate/ PAN card at the time of executing the agreement.
12.	The successful tenderer (in case of individual Contractor/ Proprietary firm) at the time of executing the agreement has to mandatorily furnish the details of family members/ dependents including nomination for disbursement of pending bills/ amounts in case of his unfortunate death during tenure of the contract.
III.	OTHER INFORMATION TO THE BIDDER:
1.	If the contractor desires to submit sub-contracting experience, the same should be established by experience certificate from the same authorities of State/ Central Government departments or Public Sector Undertakings duly supported by agreement for sub-contract.
2.	Joint Venture (JV) participation: Participation by Joint Venture (JV) is not applicable for this work
3.	Mobilisation Advance is not applicable for this work.
4.	Price Adjustment Clause is not applicable for this work.
5.	Defect liability period is applicable for this work for two years.
6.	The technical evaluation report will not be made available to the participants. It is solely the company's confidential document and the participants shall have no claim what so ever under any circumstances for the same.
7.	The undersigned reserves the right to accept any tender in full or in part or to reject any or all tenders without assigning reasons.



8.	On award of the work, if the contractor fails to execute the work within the stipulated time, or fails to show substantial progress as per the programme submitted by contractor at the time of Agreement on various items of work given in schedule of quantities, the APHMEL is at liberty to order the contractor to discontinue the work forthwith and terminate the work by imposing consequential penalties mentioned in the tender document
9.	Successful Bidder will have to furnish a Security deposit of 5% value of the order submitted by BG /FDR/CROSSED BANK DRAFT DRAWN ON ANY NATIONALISED BANK PAYABLE at Vijayawada in favor of APHMEL which will be returned after successful completion of the Defect liability period.
IV. CONSTRUCTION MATERILAS & MACHINERY:	
1.	Construction materials like cement, sand, aggregate, bitumen, steel, drain Pipes, LDPE sheet, centering/shuttering's etc., required for the work with respective scope of the work as provided in the tender shall be procured and supplied by the Contractor at work site.
2.	Construction machinery: The contractor should arrange his own construction machinery such as Rollers, Mixers, concrete vibrator and other required plants, tools and implements required for the work with respective scope of the work as provided in the tender shall be supplied by the Contractor at work site.
V SAFETY REQUIREMENTS:	
	Contractor shall strictly follow the following IS codes and other applicable safety codes in the execution of the work.
(i)	Excavation Works ISO:3764
(ii)	Road traffic safety management ISO:39001
(iii)	Erection of Structural Steel ISO:7205
(iv)	Safety during Additional Constructions ISO: 13430
(v)	Occupational health & safety ISO: 4001
(vi)	Road construction equipment, machinery maintenance & quality ISO: 5878 , ISO: 16039
In addition to the above, the following guidelines are to be complied with in safety point of view to the workmen.	
(i)	Contractor shall strictly follow all relevant safety codes in execution of works related to construction of CC, RCC & BT ROADS all relevant MORTH & IRC codes to be followed.
(ii)	The contractor shall deploy suitable technical staff for execution of work as per the requirement given elsewhere in this tender document. Among them, an experienced supervisor to be present at site 100% of the time to ensure compliance to the rules and safety procedures by the workers from the time of mobilization for work to the time last worker leaves the workplace.
(iii)	Before starting the work, contractor shall discuss with concerned executing authorities and write down work specific Safe Operating Procedures (SOPs) and Safety Plan for the work and shall make all the arrangements required for ensuring safety aspects.
(iv)	Safety talks on Dos & DONTs while working at heights should be briefed by contractor/ contractor's representative before commencement of work regularly.
(v)	Workmen in drunken condition shall not be allowed in the work/ work premises.



(vi)	All the workmen are to be provided with PPE such as helmets, safety belts having two hooks, shoes, safety net etc based on work places.
(vii)	Before starting the day's work, the site shall be inspected by the contractor or his authorized site in-charge along with executing officer for ensuring compliance of all safety aspects. 100% Supervision of all height jobs is to be ensured.
(viii)	All the workmen deployed in the work shall be insured suitably to comply with the provisions of Employee Compensation Act. In case of any causality/accident, the Contractor is entirely responsible for it including compensation that may arise of the incident.
(ix)	Statutory guidelines are to be complied with in consultation with the concerned authorities.
(x)	The deployed contractor's workmen should be mentally sound, physically fit, polite, cordial, positive, efficient, well behaved while handling the assigned work.
(xi)	The contractor shall ensure proper conduct of his workmen in work premises, and enforce prohibition of consumption of alcoholic drinks, paan, smoking, loitering without work etc.
(xii)	The Engineer-in-charge shall have the right to ask the contractor to replace any workman of the contractor who in his opinion is undesirable.
VI	OTHER CONDITIONS:
(i)	<p><u>WATER:</u></p> <p>The contractor is supposed to have his own arrangements for water required at site for construction and his labour camps. But, in case other sources are not available and only company source is available at site, water will be provided by the company at the request of the contractor on chargeable basis at prevailing tariff. Further the cost of arrangements to draw water shall be to the account of the contractor.</p>
(ii)	<p><u>ELECTRICITY:</u></p> <p>Electricity will be provided free of cost with certain conditions on arrangements & safety.</p> <ul style="list-style-type: none"> • Electricity will be provided at one place. In such cases, • The Contractor has to make his own arrangements for distribution of power supply with safety precautions from main power supply given by APHMEL authorities for the intended use. • Energy meter is to be installed by the contractor to draw the company's electricity & for accountability. • Shall use strictly energy efficient electrical equipment (like LED lights, motors etc.) while carrying out the construction works. • Electrical works to be taken up by competent persons only under the supervision of Electrical supervisor. • APHMEL is not responsible for any electrical accidents/ incidents occurred while carrying out the works by the Contractor. • No bare or open joints should be there in the cables • Proper industrial sockets of required capacity have to be used • Equipment should be properly earthed <p>For excess consumption, penal recovery as decided by the issuing authority will be made in the bills.</p>
(iii)	<p><u>CLEARING SITE:</u></p> <p>Clearance of the site, road ways shall be done by the contractor at his own cost. Even during the construction the site shall be kept reasonably clean and orderly and accessible for inspection. Proper approaches shall be provided by the Contractor for the inspection by the Engineers of APHMEL and others nominated by them.</p>

(iv)	<p><u>RESTORATION OF SITE:</u></p> <p>All the materials such as metal, stone, gravel, sand etc., shall be neatly stacked at the places shown by the Engineer-in-Charge.</p> <p>The platforms, curing ponds and enabling works like sheds etc., required for the work are to be done by the contractor himself. These are to be removed and the site is leveled after the work is over, failing which final bill will not be released.</p>
(v)	<p><u>Registers to be maintained at site:</u></p> <p>(a) Work order copy.</p> <p>(b) Field measurement book</p> <p>(c) Material test register (CC cubes/ Aggregate/ Bricks etc)</p> <p>(d) Log book for daily carried works.</p>
(vi)	<p><u>INJURIES DUE TO ACCIDENTS:</u></p> <p>The Contractor shall at all times indemnify the APHMEL against all claims which may be under the Employees compensation Act or any statutory modification thereof for the rules of the compensation payable in consequence of any accident or any injury sustained by any workmen and engaged in the performance of business relating to this contract. In all cases of personal injury to workmen employed by contractor on this work, the contractor is liable to pay compensation under Employees compensation Act.</p>
(vii)	<p><u>CONTRACTOR'S REPRESENTATIVE:</u></p> <p>The contractor shall be available at all times while the work is in progress. In his absence, he shall make his authorized representative available at site to receive instructions from department staff and to get the work executed as per the contract terms.</p> <p>Weekly progress reports in proper format approved by the Engineer- in-charge shall be furnished by the Contractor as directed. He shall keep site order book available to the departmental staff always for instructions to be carried out.</p>
(viii)	<p><u>QUALITY OF WORKS:</u></p> <p>a) The contractor should ensure for the provision of all requirements as per the Indian Standard Codal provisions for good workmanship, engagement of skilled labour, artisans etc., for execution of the work. He should follow good civil engineering practices to ensure the quality of work as per the provisions of APDSS, MORT&H and other relevant standards. All the quarried materials for concrete and other works should be as specified and approved by Engineer-in-charge and also building materials procured by the Contractor should be as specified with respect to their source of supply and as per relevant BIS.</p> <p>b) It shall be the responsibility of the contractor to arrange for testing of all the materials procured for the works under each consignment or at regular intervals as per provisions of APDSS or as directed by Engineer-in-charge at his cost and only after the Engineer-in-charge is satisfied fully with the test results, the materials shall be allowed to be used in the work. The contractor shall maintain a record of test results for inspection of the Engineer-in-charge.</p> <p>c) All the laboratory tests (as per BIS codes of practice) like concrete cube tests, material tests, concrete design mixes etc., and tests on embankment/ sub-grade/ sub base/ base courses of road construction should be done at Contractor's own cost. The cost of undertaking all the required tests is deemed to be included in the rates quoted by the Contractor.</p> <p>d) Mix designs for different grades of concrete, job mix formulae for BT mixes/GSB/WMM/Blanket material etc. are to be got done before execution of the work at government institutions/ THIRD PARTY approved laboratories at contractor's cost. Lab /field tests such as concrete cube tests, grading of aggregates, density tests on embankment/ sub-grade/ sub base/ base courses of road construction during execution should also be got done by Contractor.</p>



		e) Regular tests as per frequency norms are to be conducted in the field laboratory at site during execution in the presence of field staff.
		f) Contractor should carry compressive strength test and depth test report for PCC & RCC roads & bitumen content test, bitumen road depth test for BT roads, reports through third party lab.
		g) Sample concrete cubes (150mm x 150mm x150mm) should be taken for every 30 to 40 cubic meter i.e 3 cubes to be taken for 7 days curing & 3 cubes to be taken for 28 days curing or based on volume of concrete carried at work site.
		h) After completion of curing period concrete cube samples to be tested at approved lab on CTM (compression testing machine) through third party and test reports should be submitted.
		i) On completion of PCC & RCC roads construction after 28 days curing period depth core test should be taken for every 80 meters of constructed road.
		j) On carrying bitumen road construction bitumen content test should be taken at work site and test report should be submitted.
		k) After completion of bituminous road construction depth core test should be taken for every 60 meters of constructed road.
		l) If compressive strength is less than actual concrete mix design strength compared to tested CTM report for PCC & RCC constructed roads, 2 percent of amount should be reduced on related work bill payment.
		m) Depth of PCC, RCC & Bituminous roads is less than actual given thickness, final bill payment will be made for measured depth as per depth core test on constructed roads.
VII	<u>SCOPE OF THE WORK :</u>	
	RCC ROAD	
	s.no	Description
		Area
	1.	Site preparation: clearing the construction area and make sub-grade preparation work i.e Earth excavation work up to hard surface 6 inches , Removing lose soil of any obstacles, disposal of all removed material and debris and leveling, compacting the existing sub-grade surface with road roller to create a stable and uniform foundation, required labours , materials are all under contractor scope
		630 m x 3.1 m
	2.	Base course construction: Provide & laying sub-base material i.e Crushed granite metal mix of 40mm, 20mm, and 25 mm up to 4 inches over the prepared subgrade and make sub-grade leveling, compacting with road roller to create uniform stability for concrete placement, required materials all under contractor scope
		630 m x 3.1 m
	3.	Placing of Cement drain pipes: Provide & laying of cement drain pipes 0.15m dia x 3m length cement drain pipes at required areas as per instructions of site engineer, required labours , materials are all under contractor scope
		16 pipes
	4.	Reinforcement placement : (place RCC at road turnings with 20 meter distance at each turning point) provide & use 200 microns LDPE sheet (steel channel, laying & fixing of 200 micron thick LDPE sheet, wedges, steel plates & levelling the formwork) and place 8mm dia HYSD FE-500 Bar reinforcement, spacing 200mm c/c both sides & Prepare all reinforcing steel single layer mat by cutting and bending it to the shapes and dimensions at proposed work area, Use wire bar supports & concrete blocks to hold the reinforcement securely in its final position before and during concrete pouring, Tie rebar intersections with binding wire to
		100 m x 4.5 m

	<p>prevent movement during concrete placement, For jointed pavements, place dowel bars at transverse joints to allow for load transfer and At longitudinal construction joints, place tie bars to hold the edges together and prevent the joints from separating, required labours , materials are all under contractor scope .</p> <p>Use HYSD FE-500 Bars (Make : VIZAG STEEL, SIMHADHRI STEEL</p> <p>Note: all relevant MORTH & IRC Codes to be followed.</p>	
5.	<p>Concrete placement :</p> <p>Provide & lay 200 microns LDPE sheet and lay cement concrete pavement 180mm thickness & maintain road width 4.5 meter at road turning points, M-30 design mix with size (65 % of 20mm & 35% of 10mm) graded crushed granite metal including concrete should be done with MILLER MIXING, spreading the concrete with shovels and vibrating with mechanical vibrators, The surface of the concrete is to be leveled and finished to create a smooth and even surface for traffic. The concrete is left to cure for maximum 14 days to allow the cement to hydrate and gain its maximum strength, provide & carry road cutting up to 75mm depth for every 5 meters length and fill the road cutted portions with bitumen liquid. Miller mixtures, mechanical vibrators, road rollers, water tanks, finishing and centering/shuttering etc other required labours, materials are all under contractor scope.</p> <p>Use OPC 53 grade cement (Make: Ultratech, kcp,)</p> <p>Use graded crushed granite metal from approved quarry</p> <p>Note: all relevant MORTH & IRC Codes to be followed.</p>	630 m x 3.1 m
6.	<p>Provide & lay Road shoulders with GSB MIX 40mm, 20mm & stone dust mix on two sides of road with 1 meter distance width from road edge and make compacting with vibratory roller 2 layers (for 3 inches) make surface stable to road level, required labours , materials are all under contractor scope.</p>	(630m x 2 sides) x1m x 0.15m
7.	<p>Drainage Forming: Provide & carry Earth work excavation for drainage forming 610mm width x 610 mm depth on two sides of road, provide and lay stone dust in drainage patch up to 50mm thk, Required labours, materials are all under contractor scope.</p>	630m x 2 sides 1260Rm
CC ROAD		
s.no	Description	Area
1.	<p>Site preparation:</p> <p>clearing the construction area and make sub-grade preparation work i.e Earth excavation work up to hard surface 6 inches , Removing lose soil of any obstacles, disposal of all removed material and debris and leveling, compacting the existing sub-grade surface with road roller to create a stable and uniform foundation, required labours , materials are all under contractor scope.</p>	315 m x 3.1 m
2.	<p>Base course construction:</p> <p>Provide & laying sub-base material i.e Crushed granite metal mix of 40mm, 20mm, and 25 mm up to 4 inches over the prepared subgrade and make sub-grade leveling, compacting with road roller to create uniform stability for concrete placement, required labours , materials are all under contractor scope.</p>	315 m x 3.1 m
3.	<p>Placing of Cement drain pipes:</p> <p>Provide & laying of cement drain pipes 0.15m dia x 3m length cement drain pipes at required areas as per instructions of site engineer, required labours, materials are all under contractor scope.</p>	4 pipes



4.	<p>Concrete placement : Provide & lay 200 microns LDPE sheet and lay cement concrete pavement 180mm thickness & maintain road width 4.5 meter at road turning points, M-30 design mix with size (65 % of 20mm & 35% of 10mm) graded crushed granite metal including concrete done with MILLER MIXING, spreading the concrete with shovels and vibrating with mechanical vibrators, The surface of the concrete is to be leveled and finished to create a smooth and even surface for traffic. The concrete is left to cure for maximum 14 days to allow the cement to hydrate and gain its maximum strength. Provide & carry road cutting up to 75mm depth for every 5 meters length and fill the road cutted portions with bitumen liquid. Miller mixtures, mechanical vibrators, road rollers, water tanks, finishing and centering/shuttering etc required labours , materials are all under contractor scope. Use OPC 53 grade cement (Make: Ultratech, kcp,), Use graded crushed granite metal from approved quarry Note: all relevant MORTH & IRC Codes to be followed.</p>	315 m x 3.1 m
5	<p>Provide & lay ROAD SHOULDERS with GSB MIX 40mm, 20mm & stone dust mix on two sides of road with 1 meter distance width from road edge and make compacting with vibratory roller 2 layers (for 3 inches) make surface stable to road level, required labours , materials are all under contractor scope.</p>	(250m x 2 sides) x1m x 0.15m
6.	<p>Drainage Forming: Provide & carry Earth work excavation for drainage forming 610mm width x 610 mm depth on two sides of road, provide and lay stone dust in drainage patch up to 50mm thk, required labours , materials are all under contractor scope.</p>	250m x 2 sides 500Rm
BT ROAD		
1.	<p>Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material with all lifts and lead up to 1000 m as per Technical Specification Clause 305.4.3 MORTH, required labours , materials are all under contractor scope.</p>	280 m x 3.1 m
2.	<p>Laying of tack coat with VG-10 bitumen @ 2.50 kg / 10 Sqm on Granular surface including heating of bitumen to the appropriate range with self-heating arrangements and spraying tar with nozzles and applied uniformly with aid of bitumen pressure distributor including labour charges, hire and operational charges of T and P and all other operational and contingent charges necessary to complete the finished item of work to the specifications including cleaning of existing surface with mechanical broom as per Technical specification No. 503 of MORTH' and as directed by the Engineer-in-charge, required labours , materials are all under contractor scope.</p>	280 m x 3.1 m
3.	<p>wet mix macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam 4 inches specification including premixing the Material with water at OMC in mechanical mix plant, laying in uniform layers with paver in sub- base /base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (Material required per Cum : 45 to 22.4 mm metal -0.396 cum; 22.4mm to 2.36mm metal — 0.528cum; 2.36mm to 75microns metal 0.396Cum), required labours , materials are all under contractor scope.</p>	280 m x 3.1 m
4.	<p>Providing and laying dense graded bituminous macadam 75mm thick using VG-30 Bitumen with hot mix plant using crushed aggregates of grading-II nominal aggregate size 26.5mm as per Table 500-10 of MORTH, premixed with bituminous binder @ 4.5% per cent by weight of total mix and filler,</p>	280 m x 3.1 m



	laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Technical specification 505 of MoRTH complete in all respects. (Excluding Cost of Bitumen) (Material required per Cum : Bitumen- 103.85Kg, 25mm to 10mm - 0.4408Cum, 10mm to 5mm - 0.4114Cum, 5mm and below 0.58770um, filler – 0.0294Cum), required labours , materials are all under contractor scope.	
5.	Laying of tack coat with VG-10 bitumen @ 2 kg/ 10 Sqm on Bituminous surface including heating of bitumen to the appropriate range with self-heating arrangements and spraying tar with nozzles and applying uniformly with aid of bitumen pressure distributor including labour charges, hire and operational charges of T and P and all other operational and contingent charges necessary to complete the finished item of work to the specifications including cleaning of existing surface with mechanical broom as per Technical specification No. 503 of MORTH and as directed by the Engineer—in-charge, required labours , materials are all under contractor scope.	280 m x 3.1 m
6.	Providing and laying bituminous concrete 65mm thick using VG—30 Bitumen With hot mix plant using crushed granite aggregates of 13.2mm nominal aggregate size grading -II as per Table 5007-17 of MORTH, premixed with bituminous binder @ 5.4% per cent of mix and filler, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Technical specification 507 of MoRTH complete in all respects (Material required per Cum : Bitumen—127.225Kg, 13.2mm to 10mm - 0'4458Cum, 10mm to 5mm – 0.3715Cum, 5mm and below - 0.6389Cum, filler -0.02972Cum), required labours , materials are all under contractor scope.	280 m x 3.1 m
7.	Providing and laying Type A seal coat with VG-10 Bitumen sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Crushed granite chips of 6.7mm size i.e., 100% passing 1 1.2mm sieve and retained on 2.36m sieve applied @ 0.090um per 10sqm on Bitumen @ 9.80Kg/ 10Sqm as per Technical Specification 511 of MORTH, compacting with Three wheel 80-100 kN static roller complete, required labours , materials are all under contractor scope.	280 m x 3.1 m
8.	Provide & lay GSB MIX 40mm, 20mm & stone dust mix on two sides of road with 1 meter distance width from road edge and make compacting with vibratory roller 2 layers (for 3 inches) make surface stable to road level, required labours , materials are all under contractor scope.	(280m x 2 sides) x1m x 0.15m
9.	Drainage Forming: Provide & carry Earth work excavation for drainage forming 610mm width x 610 mm depth on two sides of road, provide and lay stone dust in drainage patch up to 50mm thk, Required labours , materials are all under contractor scope.	280m x 2 sides 560Rm



CC FLOOR REPAIR WORKS AT WORKSHOP FLOOR				
s.no	Work location	Work description	Area sq.mtr	Area cu.mtr
1.	Repair Workshop floors as given below locations i.e. a) Light machine shop b) Heavy machine shop c) Fabrication shop d) Stores e) Idlers	Provide & carry floor repair works on existing RCC floor at workshop & stores i.e. fill floor patches with cement concrete mix & maintain surface level with existing floor level at identified cracks. Required labours , materials are all under contractor scope	1200 sq.mtr	1000 x 0.025m 30 cu.mtr
		Provide & lay cement concrete flooring at identified damaged workshop floor & store floor and maintain surface level with existing floor level. Required labours , materials are all under contractor scope.	800 sq.mtr	800 x 0.07m 56 cu.mtr

GENERAL CONDITIONS OF CONTRACT

1. **NAME OF THE WORK:**

Construction of RCC, CC & BT roads in APHMEL company, CC floor repair works at APHMEL workshop.

2. **EXECUTION OF CONTRACT**

(i) **MOBILISATION OF LABOUR, MATERIAL, PLANT AND MACHINERY**

This contract is to include mobilization of all labour, construction material, scaffolding, centering, tackle, tools, concrete mixers, vibrators and every other things necessary for carrying out and completing the works in conformity with the plans and specifications (herewith attached) and with such additional drawings, descriptions and instructions as may from time to time be furnished while the work is in progress.

(ii) **DRAWINGS AND INSTRUCTIONS:**

The General Manager (Civil) or his authorized representative shall furnish with, reasonable promptness basic/ additional instructions by means of otherwise, necessary for the proper execution of the work. The work shall be executed in conformity therewith and the contractor shall do no work without proper instructions. The contractor shall keep each one copy of drawings and scope of work on the work in good order available at site.

(iii) **SPECIFICATIONS OF WORK SCOPE :**

The contractor should ensure for execution of the work as per the scope of work given in the tender and in conformity with relevant provisions of APDSS, MORTH and other relevant standards by following good Civil Engineering practices.

In case of no mention of clear scope of work for any type of work, the work shall be carried out in all respects in accordance with the instructions and requirements of the General Manager (Civil) or his authorised representative.

3. **PROTECTION OF WORK AND PROPERTY:**

The Contractor shall continuously maintain adequate protection of all his work from damage and shall protect the owner's property from injury or loss arising in connection with the contract. He shall make good such damages, injury or loss except such as may be directly due to errors in the contract documents or caused by agents, or employees of the owner. He shall adequately protect adjacent property as provided by law or the contract documents. He shall provide and maintain all facilities for protection, as required by local conditions.

The contractor shall be responsible for any accident occurring to his workmen or any other person during the progress of work and until the work is taken over by the owner.

The owner shall not be responsible for any losses or damages incurred by the contractor by acts of God. No claims from the contractor for compensation on this account shall be entertained by the owner.

4. **CONTROL OF WORK:**

The works are to be conducted under the sole control and direction of General Manager (Civil) or his authorized representative. The whole of materials are to be of the best description of their respective kinds and both workmanship and materials shall be of good quality.

5. **ALTERATIONS AND ADDITIONS TO WORK**

The General Manager (Civil) or his authorised representative without invalidating the contract, may order extra work or make changes by altering, adding to or deducting from the work, the payment on this account being adjusted accordingly. All such works will be executed under the conditions of the original contract except that any claim for extension of time caused there by shall be adjusted at the time of ordering such a change. Claim for such an extra work or change shall however be supported by a written order, from the General Manager (Civil) or his authorised representative. The value of such extra work or change by way of addition or deduction shall be determined on the basis of tendered rates of the contractor applicable to actual measurements as certified by the authorised representative of the General Manager (Civil). In items where tendered rates are not applicable, the value of work shall be determined on the basis of Derived rates/ Data Rates as determined and approved by the General Manager (Civil) before taking up the work.

6. **DEDUCTIONS FOR UNCORRECTED WORK:**

- a) The contractor shall promptly remove from the premises all materials / re-execute the work items condemned by the General Manager (Civil) or his authorised representative as they fail to conform to the specifications/ scope of work of the contract.
- b) If the contractor fails to comply, General Manager (Civil) or his authorised representative after three days written notice to the contractor may make good such deficiencies in the manner deemed fit and deduct the cost thereof from the payment due to the Contractor.

7. **TIME WITHIN WHICH CONTRACT IS TO BE COMPLETED:**

The contractor shall satisfactorily execute and complete the work in strict accordance with the plans, scope of work enclosed herewith and instructions issued by General Manager (Civil) or his authorized representative from time to time and execute the work within the delivery period as per Order

8. **DELAY IN EXECUTION OF WORK AND EXTENSION OF TIME:**

If the contractor fails to complete the work within the original agreement period/extended agreement period and delay in completion of the work is solely attributable to the contractor, the following penalties shall be imposed.

- a) LD Penalty: Applicable @1% per week and upto a maximum of 10 % value of the incomplete work will be charged with extra GST, if the work is not completed as per the delivery schedule of order subject to force majeure conditions.
- b) Any upward revision of applicable taxes and duties or introduction of new taxes/duties in this penalty period shall be to the contractor's account only.
- c) In this penalty period price adjustment clause shall become inoperative.
- d) If the contract be delayed at any time in progress of the work by any act or cause beyond the contractor's control (force majeure conditions) or by delay authorized by the General Manager (Civil) or his authorized representative, then the time of completion shall be extended for such reasonable time as the General Manager (Civil) or his authorized representative may decide.
- e) In such case, he shall apply for extension of time at least one month before expiry of the agreement period/extended period (if already extension is granted earlier) through Area civil engineer to Agreement executing authority. He shall also give written undertaking in the letter to the effect that he will not have any claim (beyond agreement conditions) towards

extra amounts incurred whatsoever from his side on the above work on account of extension of time granted.

9. OWNER'S RIGHT TO TERMINATE THE CONTRACT:

- a) On award of the work, if the contractor fails to execute the work within the stipulated time, or fails to show substantial progress as per the order and Agreement on various works given in schedule of quantities, the APHMEL is at liberty to order the contractor to discontinue the work forthwith and terminate the work.
- b) If the contractor fails to abide by the conditions of contract, if he should persistently disregard the instructions of departmental engineers or if he should be adjudged bankrupt, then the Company without prejudice to any other right of remedy, terminate the contract and take possession of the premises and of all materials etc., and finish the work in the method deemed fit.
- c) Before proceeding with action of termination of the work, the contractor shall be given minimum 7 days final notice as a final chance to improve the progress. If there are no substantial arrangements from contractor's side to improve the progress, APHMEL can terminate the work.
- d) Termination of the work attracts the Forfeiture of security deposit
- e) The above penalty amounts shall be recovered from the final bill payable to the contractor on the work. If sufficient amounts are not available in the final bill of the work, balance penalty amounts can be recovered from any of the other works of the agency or from the works where the agency is a partner as per partnership deed/ partner in JV firm. Solvency amount paid by the contractor at the time of registration can also be got adjusted towards this. Amounts can be recovered by following due process of law if sufficient amounts of contractor are not available with APHMEL.

10. OWNER'S RIGHT TO FORECLOSE THE CONTRACT:

The Company also reserves the right to foreclose the contract at any stage or suspend the work without assigning reasons if in its opinion, it is considered necessary to do so. On receipt of such notice, the Contractor shall submit within 24 hours of receipt of the notice at site a complete list of his commitments for settling the same by the company within a period of one month. The Company may allow up to a maximum of 7 days after issue of the notice for continuing the work to enable using up by the Contractor as far as possible the materials at site or in transit.

11. CORRECTION OF WORK AFTER FINAL PAYMENT:

- a) Neither the final certificate nor the payment or any provision in the contract documents shall relieve the contractor of responsibility for faulty materials or workmanship and he shall remedy any defects due there to and pay for any damage to other work resulting from it and which shall appear within defect liability period from the date of completion of the work. The General Manager (Civil) or his authorised representative shall give notice of observed defects with reasonable promptness. All questions arising under this article shall be decided by the General Manager (Civil) of the company whose decision will be final and binding on the contractor.

12. b) For this purpose, SD retained in final bill along with original EMD is liable to be forfeited in the event of the contractor not abiding by the decision of the General Manager (Civil) of the APHMEL.

13. **MEASUREMENT OF WORK, RECORDING OF BILLS AND PAYMENTS:**

- a) The measurements of various items of the work executed should be taken jointly by departmental staff and the contractor's technical person/ representative.
- b) The contractor shall submit the Running Account/Final Bills for all works, whose awarded cost is more than Rs 15L.
- c) The bills shall be processed through concern department and internal audit as per the prevailing guidelines of APHMEL.
- d) RA bills payments will be made within one month as far as possible, from the date of the receipt of the bill by Civil Engineer with certification.

ANNEXURE -III

Format of Letter of Bid (LOB)

LETTER HEAD OF BIDDER

General Manager (Civil)
APHMEL
KONDAPALLI

Dear Sir,

I/We do hereby tender for the following work at **APHMEL** Company as per the rates quoted in the schedule of specifications which will be firm till completion of work and should the tender be accepted. I/We hereby bind myself /ourselves to complete the work within the period stipulated below.

Description of work	Place	Time of Completion
Construction of RCC, CC & BT roads in APHMEL company, CC floor repair works at APHMEL workshop	APHMEL	Four (04) MONTHS from the date of Mark-out

1. I/We have gone through Civil Contract Manual and Quality Control Manual of APHMEL and aware of the various clauses provided in the manuals.
2. I/We comply with all the statutory norms, safety norms and quality norms during execution of the work.
3. I/We note that any delay in acknowledging the receipt of award letter and executing the agreement duly submitting ^{SD}(Security Deposit) and other documents within the stipulated time period will be a breach of contract and I/we shall be liable for forfeiture of the ^{SD} by APHMEL as well as debarring from participation of tenders in APHMEL.
4. I/We also agree to start the work within ONE MONTH as may be directed by you from the date of signing the agreement bond and carryout the work in strict accordance with the specifications and conditions of contract failing which I/We shall be liable for the forfeiture of the ^{SD} in full and contract will be considered as cancelled as well as debarring from participation of tenders in APHMEL.
5. I/We also agree that until the formal agreement is signed with APHMEL, award letter together with tender document shall constitute the contract.
6. I/We have not been banned or delisted by any Government/Quasi Government Organisation.
7. I/We declare that we do not have any of our near relatives are employed as executive in civil engineering department of the Area of execution as mentioned elsewhere in the bid document.
8. I/We agree to pay the wages to the workmen employed by us on work as per the Minimum Wages Act in force from time to time by the Government.

Name of the bidder :

Mobile no :

Email ID :

Address :

SIGNATURE OF THE CONTRACTOR

ANNEXURE – IV

Sub: Construction of PCC, RCC & BTRoads at APHMEL - Reg.

Ref: EAPH25O047, Dated: 13.11.2025

Acceptance of Commercial Terms (ACT) and Conditions by the Bidder

Sl No	Commercial Terms of NIT	Acceptance of Bidder
1	Instructions to Bidder (Submission/Evaluation of Bid, etc)	
2	Bid Validity (120 days from tech bid opening)	
3	Prices are Firm on FOR Destination/FOB basis	
4	Submission of tax invoice	
5	Applicable Taxes & Duties	
6	Consignee/Destination Point	
7	Delivery (As per Annexure-I)	
8	Payment Terms (as per Annexure-I)	
9	Packing charges	
10	Liquidated Damages (as per Annexure-I)	
11	Risk Purchase clause	
12	Force Majeure	
13	Guarantee / Warranty as per Annexure-I)	
14	Performance Bank Guarantee/Security Deposit (As per Annexure-I)	
15	Currency of Bid	
16	Price Fall clause	
17	General Terms and Conditions	
18	Civil Court Clause	
19	Quantity enhancement as per NIT	

Signature of the Bidder

Seal of the firm

ANDHRA PRADESH HEAVY MACHINERY ENGINEERING LIMITED

OTHER COMMERCIAL INFORMATION

Subject of the enquiry: Construction of PCC, RCC & BT Roads at APHMEL - Reg.		
Enquiry No. and date : EAPH250047, Dated:13.11.2025		
Sl No	Particulars	Details
1	Details of EMD (if applicable)	
2	Proof of being Manufacturer (for tendered item)	
3	Type of Registration (SSI/NSIC/DGS&D etc.)	
(a)	Document reference no. & date	
(b)	Issued by	
(c)	Registration Number	
(d)	Name of the Registering Authority.	
4	Validity of offer (90 Days From date of Opening of Techno-Commercial Bid)	
5	GST Details	
(a)	GSTIN	
(b)	Rate of GST	As quoted in Bid
6	Packing & Forwarding Charges (Inclusive/Extra- Rate in % to be indicated)	As quoted in Bid (If applicable)
7	Freight & Insurance charges (Inclusive/Extra -Rate in % to be indicated)	As quoted in Bid (If applicable)
8	PAN NO	
9	Payment details (for EFT)	
(a)	Account Name	
(b)	Banker's Name	
(c)	Branch	
(d)	Address, City/Town, District, State	
(e)	Account type	
(f)	A/c No & EFT No	
(g)	IFSC Code	
10	MSME (Applicable/Not Applicable)	
(a)	If applicable, indicate Registration No. & Registering Authority	
11	Vendor Code of the bidder (if registered in APHMEL)	
12	Firm prices: (The prices quoted are FIRM On FOR Destination basis)	The prices quoted are FIRM On FOR Destination basis
13	Lead time required to commence the supplies (in weeks)	
14	Supply Capacity (per month)	

Note: All Taxes and duties mentioned in Price Bid / Commercial stage are only considered for evaluation.

DECLARATION CERTIFICATE

We do hereby declare that the contents of the offer submitted vide No. _____ against this tender (Tender No. _____ dated _____) have been given after fully understanding and the same are true and complete in every particular and that if any untrue abetment /information contained therein, the said offer shall be considered absolutely null and void and we shall be liable for any penal action as per the provisions of Law for the time being in force.

i) I/WePartner/Legal Attorney/Proprietor / Accredited Representative of M/s..... declare that we are submitting our tender for the supply of materials vide our offer No..... dated

ii) The contents of the offer given after fully understanding and all information furnished by me / us are correct and true and complete in every respect.

iii) All documents/credentials submitted along with the tender are genuine, authentic, true and valid.

iv) If any information or document submitted is found to be false / incorrect, the said offer shall be considered absolutely null & void and action as deemed fit may be taken against me / us including termination of the contract, forfeiture of all dues including EMD/Security Deposit and blacklisting of my / our firm and all partners of the firm as per provisions of Law.”

Date:

Signature of the Tenderer

Place:

Seal of the Firm

NON-BANNING OR DELISTING CERTIFICATE

Our firm has not been suspended banned or de-listed by any Government or Quasi-Government agencies or PSU's.

Date:

Signature of the Tenderer

Place:

Seal of the Firm

List of documents to be up loaded

SI No	Document name
1	In case of claiming exemption for EMD, copy of valid SSI/NSIC/MSME certificate.
2	Commercial information
3	Letter of bid (LOB) duly signed by the bidder.
4	Acceptance of Commercial Terms
5	GST Registration Certificate
6	PF and ESI Registration Certificates
7	Declaration and No-banning certificate duly signed by the bidder.
8	Experience in execution of similar magnitude of works from State/ Central Government departments or Public Sector Undertakings
9	(Other certificates as per NIT like Warantee / Gaurantee Certificate etc)
10.	All NIT Documents , scope of work with status of quoted / Not quoted with signature and seal
11.	Preceeding 9 Financial Years Turn over details with ITR Forms
12.	Work orders details with values of preceeding 9 years
13	On hand work details of the current year with values ,sign and seal
14	Site Visit Certificate should be submitted at the time of Bid submission

NIT DOCUMENT

GENERAL INSTRUCTIONS:

1. The Bid shall be submitted in 2 part system (Double Packet System)
 - Part -A : Technical & Commercial Bid : will be opened on ----- after 3pm
 - Part-B : Price Bid : will be opened after technical evaluation
2. Please submit your Price Bid in rate for each Unit as mentioned in the scope of work
3. Please quote your rates on F.O.R. Destination including INSURANCE TRANSIT up to destination or for free delivery at our stores in the case of local firms.
4. Test Certificate & Guarantee Certificate should be submitted along with supplies where ever necessary.
- 5. Visit the site before submit your quotation for assurance of Work and your quotation will not be considered without Site visit certificate .**
6. All the drawings & catalogues sent with the enquiry should be returned with signature along your quotation as a proof of acceptance.
7. Our payment terms are through RTGS 100% within 30days from the date of receipt and acceptance of work done . Tax amount will be paid after receipt of proof of Invoice filing in GST Portal.

BILL PAYMENT THROUGH BANKS:

All bill payments will be made through RTGS only. RTGS charges if any shall be to the contracting firm's account. The successful bidder shall submit the details such as (a) Name of the Account holder, (b) Name of the bank, (c) Branch name, (d) Branch code, (e) Account No., (f) MICR code & (g) IFSC/RTGS code at the time of executing the agreement.

8. The quantity indicated may increase or decrease.
9. APHMEL reserves the right to order on one or more firms
10. Firms shall indicate whether they are Micro, Small or Medium Entrepreneur for exemption of EMD
11. Your offer should be valid for a period of 90 days from the date of opening of tender.
12. Work is to be guaranteed for a period of 24 months from the date of Completion of work
13. FALL CLAUSE: Seller shall pass on the benefit to the buyer in case the seller sells similar material to public or private concern within a period of 6 months from the date of receipt of order at a price lesser than the price offered to APHMEL. APHMEL reserves the right to apply those prices for this order also.
14. RISK PURCHASE CLAUSE: In case the supplier fails to deliver the material within the delivery schedule prescribed in the order and APHMEL is forced to purchase such material from any other manufacturer at a higher price, the supplier shall pay the difference amount to APHMEL.
15. Please indicate E-mail ID and any other specific ID for speedy communication.
16. APHMEL reserves the right to opt for the firm, who quotes the least delivery period.
17. THE PRICES SHOULD BE FIRM TILL COMPLETION OF THE ORDER
18. THE PREFERENCE WILL BE GIVEN FOR EARLY DELIVERIES /ACCEPTING OUR DELIERY SCHEDULES BESIDES RATE
19. APHMEL RESERVES THE RIGHT TO PLACE A TRIAL ORDER ONLY IN CASE OF NEW VENDOR
20. All disputes are subject to Vijayawada jurisdiction only



21. Taxes if any must be indicated separately. tenderers shall indicate GSTIN/PAN Nos.
22. L.D. Penalty will be imposed @ 1% per week or part thereof to a max. Of 10% along with applicable GST for incomplete work subject to force majeure clause
23. Firms with GST Registration other than from Andhra Pradesh shall invariably quotes only IGST
24. TAX Retention Clause: The Supplier should upload his Tax Invoice in the GSTN as per The provisions of the GST Act i.e., by 10th of the month subsequent to the month in which "Time of supply" arises In respect of orders where the entire order quantity is executed through a single Tax Invoice and if the " Tax Invoice is not uploaded within the time limits prescribed under GST Act, the amount of tax contained in the Invoice will be withheld by APHMEL till such time the invoice is uploaded in the GSTN Portal In respect of orders where the entire order quantity is executed in phased manner through multiple invoices or where staggered payment is made, if the " Tax Invoice " is not uploaded within the time limits prescribed under GST Act, the tax amount will be withheld from the payment made against subsequent Invoice till such time the invoice is uploaded. The final payment is subject to compliance of all formalities under GST by the supplier.
25. GST Tax and other taxes, if any, leviable on the material offered should be clearly indicated in the quotation in terms of percentage. Unless rate at which GST tax chargeable is clearly shown claim for GST tax will not be entertained later and it will be assumed that the rate quoted is inclusive of GST tax.
26. Prices quoted should unless otherwise specified, remain valid for our acceptance for a period of three months from the closing date of enquiry and the materials offered from stock should be kept under provisional reservation for us.
27. Manufacturer's name and Country or Origin of the materials offered must be clearly specified. Complete details and illustrated technical ID literature must accompany all quotations.
28. Firm should follow all drawings and specifications enclosed along with enquiry before submitted the quotation
29. Quotations should be free from CORRECTIONS
30. This Company does not bind itself to accept the lowest or any tender or assign any reason for non-acceptance. It further reserves the right to accept any tender wholly or in parts at its option. It also reserves to itself the right to take 25% more or less of materials on any orders placed against this enquiry.
31. Tender should clearly mention whether the prices hold good when the full quantity of enquiry is not ordered but only part of it. Unless otherwise mentioned would be assumed that the rates hold good when lesser quantities than those enquired of are ordered. Any increase in price at a later date for ordering lesser quantities will not be agreed to.
- 32. DISREGARD OF ANY INSTRUCTIONS MAY RESULT IN YOUR OFFER BEING IGNORED.**
- 33. Delivery schedule: Within 4Months from the date of receipt of order / Handing over of work place.**
- 34. Security Deposit :The firm should submit 5% value of the contract as SD immediately on receipt of order and the same will be returned after successful completion of the contract without any interest .**
If the firm fails to submit Security deposit, the same will be recovered from their running bills.
If the work not completed as per our order, SD will be forfeited.
35. CONDITIONAL OFFER WILL NOT BE CONSIDERED
36. APHMEL special instructions if any to be followed

Andhra Pradesh Heavy Machinery Engineering Limited

PURCHASE