



Government of Odisha
DISTRICT PLANNING & MONITORING UNIT, KALAHANDI, BHAWANIPATNA
(PLANNING WING)

E-Mail: dpokalahandi@gmail.com, Phone: 06670-230606

Tender Notice No. 576 /

Date 16.03.26 /

TENDER CALL NOTICE

Sealed Tender are invited from the intending / reputed / manufactures, suppliers, dealers having valid GST Registration & Income tax PAN for **supply, installation , commissioning ,connectivity, deployment and technical support of AI- Powered Smart Anganwadi solutions**, including hardware, software, AI based ECCE learning systems and associated services for modernisation of 20 (Twenty) Aganwadi Centres in different Blocks of Kalahandi District whose detail is annexed at Annexure- A and scope of work and services in Annexure- B. The tender must be submitted with all requisite documents in conformity with term and condition provide in the DTCN duly self-attested with all pages failing which Tender is liable for rejection..

	Name of the Work	EMD in (DD)	Cost of Tender Paper (DD)	Time of Completion
1	2	3	4	5
	Modernisation of 20 numbers of Anganwadi Centers to AI-Powered Smart Anganwadi Centers in different Blocks of Kalahandi District	Rs. 1,07,000/-	Rs. 15000/-	Within 1 month of issue of work orders

The bid documents consisting of detailed specification, schedule of quantity and a set of terms and conditions and other necessary documents can be downloaded from the District Website i.e., <https://kalahandi.odisha.gov.in>. The tender must be accompanied with demand draft drawn in favour of "Collector, Kalahandi" payable at Bank of India, Bhawanipatna towards cost of Tender Paper as mentioned in Column-4 above.

Bid must be accompanied with required EMD as mentioned at column-3 above in shape of Demand Draft pledged in favour of "Collector, Kalahandi" payable at Bank of India, Bhawanipatna. The bid without EMD and cost of tender papers shall not be considered for acceptance and is liable for rejection.

The bid documents can be downloaded from the District Website i.e. <https://kalahandi.odisha.gov.in> with effect from 16.03.2026 and will be received up to 02.04.2026 till 04.00 PM through speed post or Registered post to the office of the undersigned. The bids will be opened on 04.04.2026 at 11.00 AM in the conference hall of Deputy Director (P&S), DPMU, Kalahandi in presence of the District Level Tender Committee in presence of the bidders or their authorized representatives.

The bid documents received after scheduled date and time shall not be considered. The Tender inviting Authority will not be responsible for late receipt of tender due to postal delay or any other reasons.

The bids incomplete in any shape shall not be considered for acceptance and liable for rejection.

The Authority reserves the right to accept or reject any or all tenders / bids without assigning any reason thereof.


Collector, Kalahandi



Memo No 577 /DPMU

Date 16.03.26

Copy to the notice board of the Collectorate / ZP, Kalahandi / Sub-Collector, Bhawanipatna and Dharamgarh.

Copy to District E- Governance Manager, Kalahandi for uploading the tender paper in the District website for wide publicity.



Collector, Kalahandi

Memo No 578 /DPMU

Date 16.03.26

Copy submitted to the Director, I&PR Department, Government of Odisha, Bhubaneswar for kind information with request for publication of the tender document in one Odia daily and one English daily in all Odisha edition by 18th March 2026.



Collector, Kalahandi

BID DOCUMENT

FOR THE WORK “Modernisation of 20 numbers of Anganwadi Centres to AI-Powered Smart Anganwadi Centres in different Blocks of Kalahandi District”


Deputy Director
Planning and Statistics
DPMU, Kalahandi



BID SUBMISSION CHECK LIST			
Sl. No.	Description	Submitted (Yes/No)	Page No.
TECHNICAL BID			
1	Covering letter		
2	PAN Card		
3	GST / GSTIN Certificate		
4	Tender paper cost of ₹15000/- in shape of DD in pledged in favour of ' Collector, Kalahandi '		
5	EMD of ₹ 1,07,000/- in shape of DD pledged to ' Collector, Kalahandi '		
6	Income Tax Return of last three years 2022-23, 2023-24 & 2024-25		
7	Annual Average Turn Over of last three years 2022-23, 2023-24 & 2024-25 (Minimum Rs 30.00 Lakh)		
8	Authorised Dealer Certificate		
FINANCIAL BID			
1	Price bid.		


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DEFINITION

AI-Powered Anganwadi Centres for Early Childhood Development and Nutrition Monitoring, Kalahandi, Odisha. Coverage: 20 Anganwadi Centres across all (13) blocks of Kalahandi.

Annexure-A

SL No	AWC Name	AWC Code	Block	GP	Village	Geo tagged (Yes/No)
01	Durduri	21395010226	Bhawanipatna	Duarsuni	Durduri	Yes
02	Duarsuni	21395010208	Bhawanipatna	Duarsuni	Duarsuni	Yes
03	Kalimandirpada	21395020108	Bhawanipatna Municipality	Ward No-11	Kalimandirpada	Yes
04	Badbasul-1	21395030228	Dharamgarh	Badbasul	Badbasul	Yes
05	Majhenpadar	21395030302	Dharamgarh	Nandagaon	Majhenpadar	Yes
06	Uchhala-2	21395040516	Golamunda	Uchhala	Uchhala	Yes
07	Badchergaon	21395040502	Golamunda	Badchergaon	Badchergaon	Yes
08	Santemri-1	21395050521	Jaipatna	Badtemri	Santemri	Yes
09	Kotpadi	21395050407	Jaipatna	Paik Kendumundi	Kotpadi	Yes
10	Banijara-1	21395060401	Junagarh	Banijara	Banijara	Yes
11	Chiliguda-1	21395060407	Junagarh	Mundraguda	Chiliguda	Yes
12	Biripur	21395070307	Kalampur	Kalampur	Biripur	Yes
13	Kalampur - III	21395070315	Kalampur	Kalampur	Kalampur	Yes
14	Budhipadar	21395080209	Karlamunda	Pourkela	Budhipadar	Yes
15	Telisarabahali	21395080347	Karlamunda	Borpadar	Telisarabahali	Yes
16	Matia-1	21395090812	Kesinga	Deogaon	Matia	Yes
17	Brahmani	21395090103	Kesinga	Kandel	Brahmani	Yes
18	Gambhariguda-II	21395100514	Koksara	Gambhariguda	Gambhariguda	Yes
19	Majhiguda-III	21395100521	Koksara	Majhiguda	Majhiguda	Yes
20	Jodabandh	21395110113	Lanjigarh	Champadeipur	Jodabandh	Yes


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ANNEXURE – B

1. BACKGROUND

The District Administration, Kalahandi proposes to modernise 20 (Twenty) Anganwadi Centres (AWCs) into AI-Powered Smart Anganwadi Centres under the Aspirational District Programme (ADP), NITI Aayog.

The project envisages the deployment of AI-enabled Early Childhood Care and Education (ECCE) systems, integrated with nutrition monitoring, to improve learning outcomes, school readiness, and service delivery efficiency at the Anganwadi level.

Accordingly, sealed proposals are invited from eligible, reputed manufacturers / authorised dealers / system integrators for end-to-end implementation of AI-Powered Smart Anganwadi Centres in Kalahandi District.

2. OBJECTIVES OF THE PROJECT

- Improve foundational literacy, numeracy, and cognitive skills of children aged 3-5 years.
- Enable adaptive, personalized learning using AI-based tools.
- Strengthen convergence between nutrition and learning outcomes.
- Reduce administrative burden on Anganwadi Workers through dashboards and automation.
- Institutionalize data-driven governance in ICDS.

3. SCOPE OF WORK

The selected bidder shall be responsible for supply, installation, commissioning, connectivity, training, software deployment, technical support, and maintenance for 20 Anganwadi Centres, as detailed below.

4. DETAILED SCOPE OF SERVICES

4.1 HARDWARE & PHYSICAL INFRASTRUCTURE (PER AWC)

The bidder shall supply, install, and commission the following:

1. Interactive Smart Panel (55-65 inch, touch-enabled, HDMI/USB, in-built audio)
2. Tablet Devices (minimum 1table with 4G connection per AWC; 10-inch, 3-4 GB RAM, Android, offline capable)
3. VR Headsets (minimum 2 per AWC; child-safe; offline content support)
4. Connectivity Hardware (signal -band normal router with 4G LTE SIM slot)
5. Web Camera one(1) as per the specification mentioned.
6. CCTV with memory card one set as per the specification mentioned.
7. Power Backup System (minimum 1 KVA UPS/Inverter with battery)
8. Furniture for Digital Learning (tables, chairs)
9. Whiteboard and Notice Board
10. ECCE Learning Kits (toys, puzzles, blocks, flashcards, storybooks)
11. Installation Accessories (mounts, cabling, signage, minor electrical fittings limited to equipment installation).


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4.2 CONNECTIVITY & INTERNET SERVICES (MANDATORY)

The bidder shall be responsible for end-to-end internet connectivity at each AWC, including:

- Provisioning and activation of SIM cards/data plans
- Internet connectivity sufficient for AI modules, dashboards, and data synchronisation
- Maintenance and replacement of faulty SIMs or connectivity hardware
- Ensuring minimum 95% uptime per month

4.3 AI SOFTWARE MODULE – FUNCTIONAL SCOPE (MANDATORY)

The AI software deployed under this project shall include the following minimum functionalities:

A. Adaptive Learning Engine

- Real-time assessment of child responses
- Automatic adjustment of content difficulty
- Individualized learning pathways
- Coverage of language, numeracy, cognitive and socio-emotional domains

B. Child Profiling & Progress Tracking

- Unique learning profile for each child
- Longitudinal tracking of progress
- Peer and age-group comparison analytics

C. AI-Assisted Dashboards

- Colour-coded indicators (Green / Yellow / Red)
- Suggested targeted interventions for AWWs
- Class-wise, AWC-wise, Block-wise analytics

D. Nutrition-Learning linked Predictive Model

- Mapping learning outcomes with nutrition indicators
- Predict whether the child is probable to fall into MAM/SAM category in advance (preferably 30 days) for all children of AWC
- Data from Attendance, POSHAN, test results after VR Content
- Identification of children at combined learning-nutrition risk
- Flagging for counselling and referral through ICDS/Health systems

E. Offline-First Architecture

- Core learning and data capture to function offline
- Periodic data synchronisation when connectivity is available

F. Language & Localisation

- Odia language interface (mandatory)
- Tribal language support (desirable)


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- Age-appropriate, culturally contextualised content

G. Conversion of Arunima Booklet into VR content

- Convert the Concepts/Chapters of Arunima into VR Content in Odia and frame questions from the same for cognitive evaluation.

4.4 SOFTWARE CUSTOMISATION, UPDATES & CONTINUOUS IMPROVEMENT

1. The AI software, dashboards, and interfaces shall be treated as dynamic systems.
2. The bidder shall provide continuous software updates and improvements during the contract period.
3. The bidder shall carry out customisation and functional tweaks based on requirements communicated by:

- District Administration
- ICDS authorities
- Anganwadi Workers and Supervisors

4. Such customisations may include:

- Dashboard layouts and indicators
- Reports and analytics
- Content sequencing and difficulty calibration
- Language/interface refinements
- Addition or modification of data fields

5. All reasonable software modifications shall be provided at no additional cost for a period of Two (2) year from date of final deployment.

4.5 TRAINING & CAPACITY BUILDING (SUPPORT COMPONENT)

- Initial hands-on training for Anganwadi Workers and Helpers
- One refresher training for all Anganwadi Workers once in 3 months for the contract period
- Training manuals and guides in Odia.

4.6 ON-SITE TECHNICAL SUPPORT & HANDHOLDING (MANDATORY)

1. The bidder shall deploy at least one full-time qualified technical support personnel at Kalahandi District Headquarters.

2. The on-site technical personnel shall be deployed for a minimum period of one (1) year from the date of first deployment.

3. Responsibilities include:

- First-level troubleshooting at AWCs
- Handholding and hand-training of Anganwadi Workers
- Coordination of repairs and replacements
- Liaison with District Administration and ICDS staff
- Ensuring system uptime and adoption
-


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4.7 SOFTWARE SUPPORT & MAINTENANCE PERIOD

• Software support, updates, bug fixes and system stabilisation shall be provided on-call and as-required for a minimum period of TWO (2) year from final deployment.

• This includes:

- Technical troubleshooting
- Software patches and upgrades
- Security updates
- Performance optimisation

1. TERMS AND CONDITIONS/ INSTRUCTION TO BIDDERS

- a) The bidders can download the details bid documents from the district website i.e. <https://kalahandi.odisha.gov.in>. The tender paper cost Rs.15,000/- demand draft in favour of Collector, Kalahandi payable at Bank of India, Bhawanipatna.
- b) The bidders shall deposit EMD of ₹ 1,07,000/- (Rupees One Lakh Seven Thousand) only in shape of Demand Draft in favour of "Collector, Kalahandi". The EMD of the successful bidder will be retained with Deputy Director (P&S), DPMU, Kalahandi till the satisfactory completion of work for one year and will be refunded after completion of one year of the work. Bid without EMD will be rejected.
- c) The bidders must have a Goods & Services Tax (GST) and PAN card holder. The bidder fails to submit GST CERTIFICATE & PAN card will summarily be rejected.
- d) All bidders shall quote their rate including GST, Transportation, hand holding training for Anganwadi Workers & any other taxes.
- e) Photocopy of Work Experience Certificate of Government/ Private AI project execution experiences.
- f) Photocopy of Income Tax Return of last three years i.e. 2022-23, 2023-24 & 2024-25 to be submitted.
- g) Photocopy of Annual Turn Over as per audit report of last three years i.e. 2022-23, 2023-24 & 2024-25 to be submitted.
- h) Photocopy of Authorized Dealer Certificate to be submitted.
- i) TDS as applicable will be deducted from the R/A bill amount submitted and will be deposited under appropriate heads of account.
- j) The bidder shall quote their price for all works separately both in words & figures. If any discrepancy found in between the rate quoted in figures & words, the rate quoted in words will be treated as correct.
- k) The bidders shall quote their rate in the prescribed format.
- l) The assessment of quantum of work done will be made by the bidder & the committee formed for the said purpose. The final payment will be made on the basis of the actual work done and on the recommendation of the end user i.e. DSWO, Kalahandi.
- m) In case of any additional work required, the vendor has to take the prior written permission from the Collector, Kalahandi.
- n) The Bidder shall be responsible for providing goods & services and maintenance of the entire works time to time up to 1 year from completion of project.

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- o) No part of the contract shall be sub-let without the prior written permission of Collector, Kalahandi.
- p) The bidder shall engage a well-qualified Technical Person who will be accountable for the whole project to be executed in Kalahandi District who will remain in the present in District Head Quarter.
- q) The authority is not bound to accept the lowest tender and reserves the right to inspect / verify the stock of materials required for this work, in Go-down of bidders by nominating a committee to ascertain the credibility of the firm. Further the undersigned reserves the right to reject any or all tenders without assigning any reasons thereof. If desires the tender committee/ authority may make table negotiation with the bidders.
- r) In case of any doubt/queries/assistance: contact at dpokalahandi@gmail.com & send your query with Subject Line-"AI Anganwadi Tender Query".

- a. The selection procedure: QCBS Method will be applied for selection of bidder towards execution of the same. It will be consisted of two parts 1. Technical Scoring 2. Financial Scoring further the QCBS method will be used for calculation of weightage mark by the bidders.

b. Technical Bid scoring of mark

SI No	Item	Maximum Mark	Mark Obtained
1	Demo Presentation (To be presented before the committee with the products to be used in the project) 1. Demo Product – 50 mark 2. Presentation- 20 mark 3. Human Resources Deployed- 10 mark	80	
2	Annual Turn Over 1. Above 1 Cr = 10 marks 2. Above 80 Lakh to 1 Cr= 7.5 mark 3. Above 50 Lakh to 80 Lakh= 5 mark 4. Above 30 Lakh to 50 Lakh= 3 mark 5. Below 30 Lakh= 0 mark	10	
3	Government/ Private project execution experiences (AI Project) having project cost 1. Above 1 Cr = 10 marks 2. Above 80 Lakh to 1 Cr= 7.5 mark 3. Above 50 Lakh to 80 Lakh= 5 mark 4. Above 30 Lakh to 50 Lakh= 3 mark 5. Below 30 Lakh= 0 mark	10	

b. Finance Bid scoring of mark

SI No	Item	Maximum Mark	Mark Obtained
1	1. The maximum sealing limit for bidding of each AWC will be Rs.5.35 Lakh which will comes to Rs.1.07 Crore for 20 AWC. The lowest bidder will get 100 marks. Where the other bidder weightage will be calculated on the basis of (Lowest Bid/ Bid by Bidder) X100)	100	

Criteria for selection of L-1 Bidder

- Calculation of mark for financial bid = $0.3 \times \text{lowest Bid/Bid of the Bidder} \times 100 = (\text{Actual mark obtained in the financial Bid})$


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- Calculation of mark for technical bid = $T_m \times 0.7$ =(Actual mark obtained in technical Bid).
- Calculation for ranking of bidders = Actual mark in technical Bid + Financial Bid
- Highest Scoring mark as L-1 Bidder (to be considered).
- T_m = Technical Mark

s) The tender documents will be received through registered post / speed post before 02.04.2026 up to 04.00 PM. The bids received after the due date & time shall not be entertained. The closed envelope containing the bid must be super scribed "TENDER FOR AI-Powered Anganwadi Centres for Early Childhood Development and Nutrition Monitoring in Kalahandi-2026.

t) The bidder or the representative of the bidder shall attend the opening event of the tender with all original documents /papers for verification. The tender will be opened in the office of the Deputy Director (P&S), DPMU, Kalahandi on dated 04.04.2026 at 11.00 AM.

i. The bidders shall submit self-attested photocopies of the required documents duly filled in.

ii. Tender paper will be downloaded from the district website i.e. <https://kalahandi.odisha.gov.in> and can be submitted paper cost of Rs.15,000/- in shape of DD/ EMD of Rs. 1,07,000 /- (Rupees One Lakh Seven Thousand) only in shape of Bank Demand Draft in favour of Collector, Kalahandi. The cost of bid documents is non-refundable.

iii. The bidder is required to visit the Dist. Website frequently for any corrigendum. No intimation will be given for that in newspapers.

u) Presentation will be done by venders on 04.04.2026 at 03.30 PM in the conference hall of DPMU, Kalahandi in presence of tender committee.

ACCEPTED THE ABOVE TERMS AND CONDITIONS FROM PRE PAGES.


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Specification of items

Sl. No.	Item/ Component	Revised Specification (based on estimate, reduced VR)	Qty per AWC
1	Interactive Panel/ Smart LED	55-56 inch touch-enabled panel with HDMI/USB ports, in-built audio	1
2	Tablet Devices with 4G Connection	Tablet Devices with 4G Connection 10-inch, 3-4 GB RAM, 32-64GB storage, Android, offline apps	1
3	VR Headsets	Lightweight, compatible with tablet/phone, offline content loadable	2
4	Router + Dongle	Single-band router(Normal) with 4G LTE SIM slot, 300 Mbps	1
5	Web Camera	Video Display having widescreen, High Definition, Resolution, MAX 720 P/30fps and compatible with all OS & Video calling software	1
6	CCTV with Memory Card	System: IPbased CCTV System. Recorded video of all cameras to be stored at least for 30 days. All equipment and materials used shall be standard component	1 set
7	UPS / Inverter with Battery	1 KVA with 30-45 mins backup	1
8	Furniture – Activity Tables & Chairs	4 tables + 10 chairs (child backup)	Set
9	White Board + Notice Board	3x4 ft laminated board with markers + notice board	2
10	Toys & ECCE Learning Kits	Blocks, puzzles, flashcards, charts, storybooks	1 Set
11	Software & AI Dashboard Licenses	AI adaptive learning module, Odia/tribal language content, Poshan Tracker integration	Lump sum
12	Installation & Accessories	Mounts, cabling, signage, minor electrical fittings	Lump sum
13	Training		
(A)	Initial Training Workshop	30-day hands-on training for AWWs & Helpers on AI dashboard, VR modules, and digital pedagogy	
(B)	Refresher Training	1-day refresher every quarter	

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(C)	Training Materials	Manuals, visual aids, odia/tribal language user guides	
(D)	Logistics	Venue, refreshments, local transport allowance of participants	
14	Services	(technical support, maintenance contracts, software customisation, AMC for 2 years)	

a. Financial Bid for the project

Sl. No.	Item/ Component	Revised Specification (based on estimate, reduced VR)	Qty per AWC	Quoted Price including GST & other taxes @ AWC	quoted Price including GST & other taxes for 20 AWCs
1	Interactive Panel/ Smart LED	55-56 inch touch-enabled panel with HDMI/USB ports, in-built audio	1		
2	Tablet Devices	10-inch, 3-4 GB RAM, 32-64GB storage, Android, offline apps	1		
3	VR Headsets	Lightweight, compatible with tablet/phone, offline content loadable	2		
4	Router + Dongle	Single-band router(Normal) with 4G LTE SIM slot, 300 Mbps	1		
5	UPS / Inverter with Battery	1 KVA with 30-45 mins backup	1		
6	Web Camera	Video Display having widescreen, High Definition, Resolution, MAX 720 P/30fps and compatible with all OS & Video calling software	1		
7	CCTV with Memory Card	System: IPbased CCTV System. Recorded video of all cameras to be stored at least for 30 days. All equipment and materials used shall be standard component	1Set		
8	Furniture – Activity Tables & Chairs	4 tables + 10 chairs (child backup	Set		
9	White Board + Notice Board	3x4 ft laminated board with markers + notice board	2		
10	Toys & ECCE Learning Kits	Blocks, puzzles, flashcards, charts, storybooks	1 Set		
11	Software & AI Dashboard Licenses	AI adaptive learning module, Odia/tribal language content, Poshan Tracker integration	Lump sum		
12	Installation & Accessories	Mounts, cabling, signage, minor electrical fittings	Lump sum		

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13	Training			
(A)	Initial Training Workshop	30-day hands-on training for AWWs & Helpers on AI dashboard, VR modules, and digital pedagogy		
(B)	Refresher Training	1-day refresher every quarter		
(C)	Training Materials	Manuals, visual aids, odia/tribal language user guides		
(D)	Logistics	Venue, refreshments, local transport allowance of participants		
14	Services	(technical support, maintenance contracts, software customisation, AMC for 2 year)		
		Grand Total (In Rs.)		

N.B: The Grand total quoted price will be considered irrespective of individual prices of items/services.

The grand total price should be quoted including GST, Transpiration and any other taxes in Rs _____ (In Word _____)

- Calculation of mark for financial bid= $0.3 \times (\text{Lowest Bid}/\text{Bid of the Bidder}) \times 100 = (\text{Actual mark obtained})$
- Calculation of mark for technical bid= $Tm \times 0.7 = (\text{Actual mark obtained})$
- Calculation for ranking of bidders= Actual mark in technical Bid + Financial Bid
- Highest scoring mark as L-1 bidder


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SAMPLE COPY OF COVERING LETTER (In Bidders Letter Head)

To

The Collector, Kalahandi
Odisha-766001

Sub: Submission of Bids for Modernisation of 20 numbers of Anganwadi Centres to AI-Powered Smart Anganwadi Centres in different Blocks of Kalahandi District for the financial year 2025-26

Sir,

In connection with the subject cited above I am submitting herewith my offer for the above said work in conformity with the detail tender call notice for favour of your kind consideration and acceptance with the following self-attested documents.

Enclosure:

1. DTCN (Terms and Condition booklet duly signed)
2. Financial Bid
3. PAN Card
4. GST Certificate
5. Average Annual Turn Over of Audit Report of last three financial years
6. Income Tax Return of last three financial years
7. Tender Paper Cost Rs.15,000/- in shape of Demand Draft
8. EMD Rs.1,07,000/- in shape of Demand Draft
9. Copy of Authorized Dealer Certificate

Yours Sincerely,

(Signature of Bidder with Seal)


Deputy Director
Planning and Statistics
DPMU, Kalahandi