

M. P PLASTIC PARK DEVELOPMENT CORPORATION LTD.
(A Subsidiary of)
M. P. AUDYOGIK KENDRA VIKAS NIGAM LTD. (BHOPAL).
(A GOVT. OF M.P. UNDERTAKING)

Tender Notice Text Display

Tender No	: /2017/2018	N.I.T. Date	: 06.07.2017
N.I.T. No	: 19 of 2017-2018, 06.07.2017		
Contractor Class	: As per NIT	Contractor Level	:
Tender Category	: Work-Item Rate Tender, Open	Currency	: INR
Description	: Supply, Installation Of Plastic Processing Machinery, Testing Equipments, Tool Room Machinery, Cnc And Special Tooling Machines For Advanced Plastic Products Simulation & Evaluation Centre (Appsec) At Plastic Park Tamot Raisen District		
Report title	: Supply, Installation Of Plastic Processing Machinery, Testing Equipments, Tool Room Machinery, Cnc And Special Tooling Machines For Advanced Plastic Products Simulation & Evaluation Centre (Appsec) At Plastic Park Tamot Raisen District		
No. of Work	: 1	Splitting Rule	: No Restrictions
Tender Type	: Open		
Basin / Project	: Supply, Installation Of Plastic Processing Machinery, Testing Equipments, Tool Room Machinery, Cnc And Special Tooling Machines For Advanced Plastic Products Simulation & Evaluation Centre (Appsec) At Plastic Park Tamot Raisen District	Circle / Division	: MADHYA PRADESH M.P.P.P.D.C.
Officer	: S.S.Thenua	Designation	: Executive Engineer
Remark	: 3 rd Call		
Tender Notice Text Contents	निविदा सूचना हिन्दी		
OFFICE OF THE MANAGING DIRECTOR M. P PLASTIC PARK DEVELOPMENT CORPORATION LTD.			
DETAILED NOTICE INVITING TENDER			
N.I.T. No.	: 19 of 2017-2018 dt. 06.07.2017		

Online tenders are invited for the following Work-Item Rate Tender. The Bid Seals (Hashes) will be received online on the portal mpeproc.gov.in on or before 10.08.2017 5:30 p.m. The Tenders will be opened in the office of the undersigned as mention tender time schedule (key date) If desired, the contractors or their duly authorized representatives may remain present at the time of opening of tender.

S.No.	Name of District	Name of Work	PAC (in Crore)	EMD (In Rs.)	Contractor Class	Time allowed for Construction (including / excluding Rainy Season)
1.	Raisen	Supply, Installation Of Plastic Processing Machinery, Testing Equipments, Tool Room Machinery, Cnc And Special Tooling Machines For Advanced Plastic Products Simulation & Evaluation Centre (Appsec) At Plastic Park Tamot Raisen District	986.29	As per NIT	As per NIT	120 days including rainy season.

EMD Amount In Rs.: As Per NIT

Fee Structure

Sr.No.	Stage	Amount (Rs.)
1.	Tender Purchase - Online	1000.00 (Non Refundable)

Key Dates

S.No.	MP AKVN Bhopal Stage	Start Date & Time	Expiry Date & Time	Envelopes
1.	Release of Tender	06.07.2017 17:30	-	-
2.	Purchase of Tender Start & End Date	06.07.2017 17:30	08.08.2017 17:30	-
3.	Bid Submission End Date (online)	06.07.2017 17:30	10.08.2017 17:30	-
4.	Bid Submission End Date (Physically) i.e. EMD & other documents.	-	14.08.2017 17:30	Envelopes A, B
5.	Pre bid Meeting	-	14.07.2017 12:00	-
5.	Open EMD & Technical / PQ Bid	17.08.2017 12:00	-	Envelopes A, B
6.	Open Financial Bid	01.09.2017 12:00	-	Envelopes C

- The bidders shall have to submit their online (Decrypt the bids and re-encrypt the bids) and upload the relevant documents from as per key dates. Original EMD instruments & Technical documents, Technical staff should reach the office of the Managing Director, Madhya Pradesh Audyogik Kendra Vikas Nigam Bhopal First Floor, Bittan Market, E-5, Arera Colony, Bhopal-462016 M.P.

by 14.08.2017 up to 5.30 p.m. through speed post A.D. or hand delivery Nigam will not be responsible for any postal delays.

2. The successful contractor/Firm must get registered as mentioned in the tender document. Failure in compliance of which will lead to the forfeiture of the Earnest Money Deposit.
3. Tender form can be purchased online only from e-portal <http://mpeproc.gov.in> by making online payment. The last date of purchase of tender 08.08.2017 up to 5:30 P.M.
4. The Bid Data should be filled and the Bid Seals (Hashes) of all the envelopes and the documents which are to be uploaded by the Bidders should be submitted online upto as per time schedule (key Dates)
5. The Bidders shall have to submit their Bids online (decrypt the bids and re-encrypt the bids) and upload the relevant documents from as per time schedule (key Dates).
6. Bidding documents can also be viewed on M.P. AKVN Bhopal Website <http://www.mpakvnbhopal.nic.in> however for bidding purpose online purchase procedure has to be followed as already mentioned in Note No. 3 above.
7. Other details can be seen in the tender documents.
8. Bidders are requested not to submit instruments belongs to ICICI Bank in tender proceedings.

Executive Engineer

**BIDDING DOCUMENT FOR
SUPPLY, INSTALLATION OF PLASTIC
PROCESSING MACHINERY, TESTING
EQUIPMENTS, TOOL ROOM MACHINERY, CNC
AND SPECIAL TOOLING MACHINES FOR
ADVANCED PLASTIC PRODUCTS SIMULATION
& EVALUATION CENTRE (APPSEC)
AT PLASTIC PARK TAMOT RAISEN DISTRICT**

NIT No: -19 dated 06/07/2017

LAST DATE FOR SUBMISSION OF BID: 10/08/2017 17:30 Hours



**M.P. PLASTIC PARK DEVELOPMENT CORPORATION LTD
(A Subsidiary of)**

**M.P. AUDYOGIK KENDRA VIKAS NIGAM-BHOPAL
TAWA COMPLEX, FIRST FLOOR, BITTAN MARKET,
E-5, ARERA COLONY, BHOPAL**

Email: mppdc@gmail.com, mpakvnbhopal@yahoo.co.in

Website: <http://www.mpakvnbhopal.nic.in>

Phone: **0755-2420278, 2420301-3**

Fax: **0755-2420277**

NOTICE INVITING TENDER

NIT No: 19 dated 06/07/2017

Madhya Pradesh Plastic Park Development Corporation (MPPDC), A subsidiary of M .P. Audyogik Kendra Vikas Nigam (MPAKVN) invites technical & commercial bids separately item-wise from the reputed/authorized suppliers/manufactures for the supply & installation of Plastic Processing Machinery, Testing Equipments, Tool Room Equipments, CNC and Special Tooling Machines for ADVANCED PLASTIC PRODUCTS SIMULATION & EVALUATION CENTRE (APPSEC) AT PLASTIC PARK TAMOT. The list of the equipments and the EMD details is mentioned below

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
A	Plastic Processing Equipments			
A.1	Hand Operated Injection Moulding Machine	No	3	1000
A.2	Hand Operated Blow Moulding Machine	No	3	1300
A.3	FULLY Automatic Horizontal Injection Moulding Machine	No	1	107000
A.4	Microprocessor/PLC controlled Automatic Injection Moulding Machine	No	1	30000
A.5	Three Layer Extrusion Blown Film Unit with Carona Treater	No	1	28500
A.6	Recycling Extruder with Pelletizer	No	1	19000
A.7	Hydraulic Compression Moulding Machine	No	1	19000
A.8	Mould Temperature Control Units	No	1	1900
A.9	Film Cutting and Sealing Machine	No	1	2850
A.10	Dehumidifier	No	1	4750

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
A.11	Hot Air Oven/Drier	No	1	3800
A.12	High Speed Mixer	No	1	3800
A.13	Air Compressor	No	1	11400
A.14	Scrap Grinder	No	1	9500
A.15	Hopper Loader	No	3	8550
A.16	Weighing Balance	No	1	1000
A.17	Hydraulic Trolley	No	1	2850
A.18	CHILLER	No	5	14250
A.19	Cooling Tower 40 TR	No	1	5700
A.20	EOT Crane5 Tonnes	No	1	19000
A.21	Microprocessor Controlled Double PET Perform Stretch Moulding Machine	No	1	38000
A.22	Twin screw extruder	No	1	50000
A.23	RTM Lab model	No	1	32000
A.24	Spray layup Model	No	1	20000
B	Testing Equipments			
B.1	XENON Weather o meter @ 1no & UV Weather o meter @ 2 no	No	1+2	86000
B.2	Universal Testing Machine	No	1	70000
B.3	Computerized Melt Flow Index Tester	No	1	32000
B.4	Dielectric Breakdown Tester	No	1	19000

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
B.5	Water Vapour Transmission Tester	No	1	19000
B.6	Thermal Conductivity Meter	No	1	28500
B.7	Dielectric Constant Meter	No	1	19000
B.8	Comparative Tracking Index	No	1	19000
B.9	Hydrostatic Pressure Strength Tester for Pipes	No	1	19000
B.10	Gloss Meter	No	1	10000
B.11	Creep Tester	No	1	19000
B.12	Elmendorf Tear Tester	No	1	11400
B.13	Fume Hood	No	1	3800
B.14	Hot Air Humidity Oven	No	1	3800
B.15	Microbalance with density kit	No	2	5700
B.16	Flammability tester	No	1	16000
B.17	ESCR Apparatus	No	1	1900
B.18	Hardness Tester	No	1	3800
B.19	Opacity Tester	No	1	9500
B.20	Deep Freezer	No	1	3800
B.21	High Temperature Oil Bath	No	1	5700
B.22	Ozone resistance tester	No	1	22800
B.23	FTIR	No	1	30000
B.24	Taber Abrasion (Dual Rotary Platform Abraders)	No	1	5700
B.25	Moisture Analyzer	No	1	5700

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
B.26	Microwave muffle furnace	No	1	5700
B.27	Glow wire test machine	No	1	5700
B.28	HDT/VST Apparatus	No	1	15200
B.29	Izod/Charpy Impact Tester	No	1	15200
B.30	Scanning Electron Microscope (SEM) with accessories	NO	1	65000
C	Tool Room Machinery			
C.1	Surface Grinding Machine	No	2	26600
C.2	Tool & Cutter Grinding Machine	No	2	11400
C.3	Radial Drilling Machine	No	2	5700
C.4	Polishing Kit	No	1	1900
C.5	Surface Plate	No	1	2850
C.6	Air Compressor with Air Dryer	No	2	11400
C.7	Hydraulic Hand Pellet Truck	No	1	1900
D	CNC and Special Tooling Machine and Equipments			
D.1	CNC EDM Machine	No	1	42750
D.2	CNC Wire Cut EDM	No	1	47500
D.3	CNC Programming Simulator	No	1	5700
D.4	Rapid Prototype Machine/3D Printer	No	2	8000
D.5	CNC Coordinate Measuring Machine	No	1	38000
D.6	Measuring Equipments (Quantity as per Technical	Set	1	28500

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
	Specifications)			
E	CAD/CAM Lab			
E.1	Computer Workstation	No	50	47500
E.2	ONLINE UPS	No	5	9500
E.3	Printer	No	5	1000
E.4	Scanner	No	2	1000
E.5	Photo Copier	No	1	1900
E.6	LCD Projector	No	5	3400
E.7	LAPTOP	No	2	1900
E.8	CATIA Software (1 Training License) 10 User	No	1	10000
E.9	Pro-E (PTC Creo) (1 Training License) 50 User	No	1	10500
E.10	Unigraphics / NX Software (1 Training License) 10 User	No	1	28670
E.11	Hypermesh Software (1 Training License) 5 User	No	1	12000
E.12	Ansys Software (1 Training License) 10 User	No	1	6000
E.13	Delcam Software (1 Training License) 1 User	No	1	28400
E.14	Master Cam Software (1 Training License) 10 User	No	1	10000
E.15	Mold Flow Software (1 Training License) 10 User	No	1	6000

Interested and eligible bidders are requested to apply through e procurement website www.mpeproc.gov.in and also visit www.mpakvnbhopal.nic.in for complete details on technical

specification and commercial terms. The bidder has to purchase the tender by paying an amount of Rs. 1000 online

Bidders to note that the evaluation of the bid will be done on item basis. MPPPDC reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof.

Important timelines for the NIT is mentioned below

Last Date of Purchase	08.08.2017
Pre Bid Meeting	14.07.2017
Last Date for Submission of Bids	10.08.2017
Last Date of Submission of Hard Copy	14.08.2017
Opening of Technical Bid	17.08.2017
Opening of Commercial Bid	01.09.2017

SECTION - I

A. INTRODUCTION

Madhya Pradesh Plastic Park Development Corporation Limited is a Subsidiary of M.P. Audyogik Kendra Vikas Nigam (MPAKVN) – Bhopal.

MPPPDC is developing a Plastic Park at Tamot Village, situated about 40 km from Bhopal. As a part of the project, a training centre is being established which will provide training to the staff of the industries coming up in the Plastic Park and also offer vocational training to desired students. Central Institute of Plastics Engineering & Technology (CIPET) Centre – Bhopal will be operating the training centre. To provide state-of-art training centre, MPPPDC is calling for bids from eligible bidders for the items listed in the tender

B. THE BIDDING DOCUMENTS

2 Content of Bidding Documents

2.1 The Bidding Documents include;

- (a) Instruction to Bidders;
- (b) Terms and Conditions of contract;
- (c) Schedule of Requirements;
- (d) Technical Specifications;
- (e) Manufacturer's Authorization Form;
- (f) Bid Form and Price Schedules;
- (g) Contract Form;
- (h) Performance Security Form;
- (i) Deviation Statement;

2.2 The Bidder is expected to examine all instruction, forms, terms and specifications in the bidding Documents. Failure to furnish all information required by the bidding document or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in rejection of the bid.

2.3 One bid per bidder

The bidder can be an individual entity or a joint venture. JV is allowed so that a bidder can form a JV and bid for maximum number of equipments. All obligations of the contract will be the responsibility of the Principal Partner of the JV.

No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids wherein the bidder has participated shall stand disqualified.

2.4 Cost of Bidding and EMD

The bidder shall bear all costs associated with the preparation and submission of his bid, and no claim whatsoever for the same shall lie on the Purchaser. The Bidder should purchase the tender by paying tender fee of Rs. 1000 through NEFT/RTGS. This is to enable the bidder to proceed with the bid submission online.

EMD:

The bidder has to submit applicable EMD for the items which the bidder is interested to bid for. The bidder has to submit separate EMD for each item which he is bidding for. The EMD should be in the form of DD/FDR made in favor of Madhya Pradesh Plastic Park Development Corporation Limited, Payable at Bhopal. The EMD for the items for which the purchase order/work order is awarded to the bidder shall be valid till 60 days after the warranty obligations for the items and shall be returned after this period to the bidder by MPPPDC. Items for which the purchase order/work order has not been awarded to the bidder, respective EMDs shall be returned to the bidder as per MPPPDC guidelines. Scan copy of the DDs/FDRs to be uploaded on the e-procurement portal.

2.5. Site visit and Examination of Works

The bidder is advised to visit and inspect the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into agreement for supply and installation of the equipment. All costs in this respect shall have to be borne by the bidder. In case the bidder fails to visit the site or envisage the additional requirements for the installation of

the equipment it shall be the responsibility of the bidder to arrange for the additional requirement and install the equipment successfully without any additional cost to the purchaser

3. Amendment of Bidding Documents

3.1 At any time prior to the deadline for submission of bids, the purchaser may for any reason, whether at their own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.

3.2 The amendment will be notified in writing or by telex or cable to all prospective Bidders who have received Bidding Document and clauses and will be binding on them

3.3 In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, the Purchaser may, at their discretion, extend the deadline for the submission of bids.

C. PREPARATION OF BIDS

4. Documents Comprising the Bid

4.1 The bid prepared by the Bidder shall comprise the following components:

- a) A Bid Form and Price Schedule completed in accordance with clauses 5 and 6;
- b) Documentary evidence establishing in accordance with clause 7 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- c) Documentary evidence establishing in accordance with clause 8 that the goods (machinery/equipment/software) and ancillary services and conforming to the Bidding Document;

5. Bid Form

5.1 The Bidder shall complete the bid form and appropriate Price Schedule finished in the bidding Documents; indicating for the goods to be supplied, a brief description of the Goods, their country of origin, quantity and prices.

6. Bid Prices

6.1 The Bidder shall indicate on the price schedule attached to these documents. The unit prices and total bid prices of the goods, proposed to supply under the contract.

6.2 Fixed price: prices quoted by the bidders shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected

6.3 Agents and service facilities in Indian.

If a foreign bidder has engaged an Indian agent, it will be required to give the following details in the offer

- (i) The name and address of the local agent:
- (ii) What service the agent renders: and
- (iii) The amount of remuneration for the agent included in the offer

6.4 Dealers or Service Agents of Foreign Manufacturers.

If the bidder is dealer or service agent of foreign manufacturer, then the bidder shall furnish the supporting documents from the foreign manufacturer which authorizes the dealer or service provider. The Dealership or the service agreement between the bidder and the manufacturer shall be valid on the date of bidding and also till the entire duration of the warranty period

7. Documents establishing bidder's Eligibility and Qualification

7.1 pursuant to clause 4 the bidder shall furnish as part of its bid, documents establishing the bidder's eligibility to bid and its qualification to perform the contract if its bid is accepted.

7.2 The documentary evidence of the bidder's qualification to perform the contract if its bid is accepted shall establish to the purchaser's satisfaction:

(a) that, in the case of a bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized (as per authorization form in section V) by the goods manufacturer or producer to supply the goods in India.

(b) That, in the case of a bidder not doing business within India, the bidder is or will be (if successfully represented by an agent in India) equipped and able to carry out the supplier's maintenance, repair and spare-parts stocking obligation prescribed by the condition of the contract and/or technical specifications

© that the bidder has the financial, technical and production capability necessary to perform the contract and meets the criteria outlined in the qualification criteria specified in section IX (bidders should furnish information on their past performance and per Proforma in section-IX A).

8. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

8.1 The bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the bidder proposes to supply under the contract.

8.2 The documentary evidence of the goods and services eligibility shall consist of a statement in the price schedule on the country of origin of the goods and services which shall be confirmed by a certificate of origin at the time of shipment.

8.3 The documentary evidence of the goods and services conformity to the bidding document may be in the form of literature, drawings and data, and shall furnish:

- (a) A detailed description of the goods essential technical and performance characteristics;
- (b) a list giving full particulars including available sources and current prices, of all spare parts, special toolset, necessary for the proper and continued functioning of the goods for a period of two years, following commencement of the goods used by the purchaser and

© A clause-by-clause commentary on the purchaser's technical specification demonstrating the goods and services substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the technical specification (As per deviation statement in section IX Annexure)

8.4 For purpose of the commentary, the bidder shall note that standards for workmanship, material and equipment and references to brand names of catalogue numbers designated by the purchaser in its technical specification are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/ or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutes are substantially equivalent or superior to those designated in the technical specification.

9. Period of validity of bids

9.1 Bids shall remain valid for 180 days after the date of bid opening prescribed by the purchaser. A bid valid for a shorter period may be rejected by the purchaser as non-responsive.

9.2 In exceptional circumstances, the purchaser may solicit the bidder's consent to an extension of the period of validity. The request and the responses thereafter shall be made in writing (or by cable or fax or email). A bidder may refuse the request without forfeiting its bid security. A bidder granting the request shall not be required or permitted to modify its bid.

10. Submission of Bids

10.1 The detailed technical specification of the equipment is enclosed as section IV of bid document. The bids are to be submitted online and the hard copy of the offer should be submitted to the CEO, MPPPDC, c/o MPAKVN Bhopal. Hard Copy of the Offer should be of three parts viz, "Envelope –A: EMD : Envelope - B"TECHNICAL BID" and Envelope – C "COMMERCIAL BID" the bids are to be packed in separate envelopes and sent together in ONE envelope. The content of the both bids should be as under;

a. The cover labeled “EMD” should include the following for each item the bidder is bidding for:-

1. EMD in the form of DD

b. The cover labeled “TECHNICAL BID” should include the following for each item the bidder is bidding for:-

1. Detailed specification of the base equipment along with the specification of accessories, which are included in the base unit as per Annexure - I

2. Summary Sheet of the technical bid as per Annexure – II. The bidder has to compulsory upload the filled in Annexure – II online and submit the hard copy

3. Deviation Statement

4. Product Literature

5. Proforma for performance Statement

6. Qualification Criteria

7. List of spare parts included (without quoting the price) (the acceptance and rejection of spare parts will be at sole discretion of MPPPDC)

8. List of optional accessories with their technical specification. (without quoting the price)

9. Manufacturer’s Authorization Form

10. Bid form

11. Any other information which the bidder would like to state about the technically of the equipment.

c. The cover named “COMMERCIAL BID” should include the following:-

1. Statement showing the price of the each items of spare parts which is mentioned in the technical bid (the acceptance and rejection of spare parts as per requirements will be at sole discretion of MPPPDC)

2. Conditional bids will not be accepted. The condition lay down by MPPPDC is final and binding on all bidders.

3. The quote should be only in Indian currency (INR)

4. The price are to be quoted inclusive of all duties, freight, insurance, packing and forwarding charges etc.

5. Applicable taxes on account of only GST will be extra at actual against submission of documents. All other cost will be in the bidder’s scope.

6. MPPPDC reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof.

The bids, which are not containing the statements, mentioned in 10.1 (a) & (b) & (c) are liable to be rejected.

© The envelope shall be addressed to the purchaser at the following address

“CEO, Madhya Pradesh Plastic Park Development Corporation Ltd, c/o M.P. Audyogik Kendra Vikas Nigam – Bhopal, Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony, Bhopal”,

bear the Ref No -----/-----“Do not open before-----/-----/-----

10.2 The Proforma of Annexure (Sections) in the bidding document wherever necessary, should be typed on the bidder’s letter head and upload the same.

11.3 Price schedule should be submitted in the prescribed format given under price schedule of the bidding document.

11.4 The deviation statement enclosed should be duly filled in and submitted along with bidding document. If the bidder is offering more than one option/ models a separate deviation statement for each of such quotes should be submitted along with the offer.

10.5 Quotes received without price schedule, and deviation statement as per our prescribed format, will summarily be rejected.

11. Deadline for Submission of Bids

The purchaser may at its discretion extend this deadline for submission of bids by amending the bid documents in accordance with clause 3, in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subject to the dead-line as extended.

12 Evaluations and Comparison of Bids

12.1 The purchaser will evaluate and compare the bids previously determined to be substantially responsive.

12.2 The availability in India of spare parts and after sales service for the equipment offered (imported goods)-in the bid (the inclusion of cost of spare parts for comparison as per requirement will be at sole discretion of MPPPDC). MPPPDC reserves right to accept any bid and to reject any bid or all bids

12.3 Since the nature and type of the equipments are different and all the items may not fall under the single umbrella of product portfolio, the evaluation of the bids received from bidders will be done on item basis

13. Contacting the purchaser

No bidder shall contact the purchaser on any matter relating to its bid from the time of the bid opening to the time the contract is awarded.

D. AWARD OF CONTRACT

14. Post qualification

14.1 The purchaser will determine to its satisfaction whether the bidder selected as having submitted the lowest evaluated responsive bid is qualified to satisfactorily perform the contract.

14.2 The determination will take into account the bidder's financial technical and production capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualification submitted by the bidder, pursuant to clause 8 as well as such other information as the purchaser deems necessary and appropriate.

14.3 An Affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder's bid.

15 Purchaser's right to vary Quantities at time of award

The purchaser reserves the right at the time of award of contract to increase or decrease of the quantity of goods and services specified in the schedule of requirements without any change in price or other terms and condition.

16. Purchaser's Right to Accept and bid and to reject any or all bids

The purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract without thereby incurring any liability to the affected bidder or bidder or any obligation to inform the affected bidders or bidders of the grounds for the purchaser's action.

17. Performance security

Within 21 days of the receipt of notification of award of contract from the purchaser, the successful bidder shall furnish the performance security in accordance with the condition of contract, in the performance security form provided in the bidding documents.

SECTION-II
TERMS AND CONDITIONS OF CONTRACT

The following are the terms and conditions of contract

1. Definitions

- (a) The purchaser is : MPPPDC, A Subsidiary of MPKAVN, Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony, Bhopal
- (b) The supplier is -----

2. Performance security

- 2.1 Within 21 days after the supplier's receipt of purchase contract, the supplier shall furnish performance security to the purchaser for an amount of 10% of the contract value valid up to 60 days after the date of completion of performance obligations including warranty obligations.
- 2.2 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser, and shall be in one of the following forms:
 - (a) A bank guarantee or irrevocable letter of credit, issued by a nationalized bank located in India and in the form provided in the bidding documents or another form acceptable to the purchaser: or
 - (b) Demand draft in favor of Madhya Pradesh Plastic Park Development Corporation Limited, payable at Bhopal
- 2.3 The performance security will be discharged by the purchaser and returned to the supplier not later than 60 days following the date of completion of the supplier's performance obligations under the contract.

3. Delivery and Documents

(a) For imported goods

- (i) Original and three copies of supplier's invoice showing goods description quantity unit price total amount.

- (ii) Necessary documents to authenticate that the equipment is latest import.
- (iii) Five copies of packing list identifying contents of each package.
- (iv) Insurance certificate.
- (v) Manufacture's / supplier's guaranty certificate.
- (vi) Factory inspection report of the principle supplier
- (vii) Certificate of origin.

(b) For Domestic Goods:

Original and Three copies of:

- (i) Copies of the supplier invoice showing goods description, quantity unit price, and total amount.
- (ii) Railway receipt/ acknowledgement of receipt of goods from the consignee(s);
- (iii) Manufacture's / supplier's guarantee certificate:
- (iv) Factory inspection report of the principle supplier. The Purchaser may appoint a third party inspection agency to carry out the inspection
- (v) Certificate of origin and
- (vi) Document evidence for sales tax/ octroi etc. wherever applicable bearing seal of office of issue indicating payment made extra.

After inspection of the equipment by the manufacturer or by the appointed agency of the Purchaser, the supplier should seek dispatch clearance before making supply of the equipment to site.

The above documents shall be received by the purchaser before arrival of the goods (exceptt where the goods have been delivered directly to the consignee with all documents) and if not received, the supplier will be responsible for any consequent expenses

4. Incidental Service

The following services covered shall be furnished and that cost shall be included in the contract price;

- (i) Unloading and shifting to the storage yard, Re-shifting from the storage yard to the equipment location.
- (ii) Complete erection of all equipments
- (iii) Commissioning of all equipments this includes trial run and proving test.
- (iv) Furnishing of detailed operation and maintenance manual for each appropriate unit of supplied goods:
- (v) Factory Visit if required

- (vi) Security Passwords if any for the equipments

5. Spare part

Supplier shall carry sufficient inventories to assure ex-stock supply of consumables, spares such as gaskets, plugs, washers, belts etc., other spare parts and components shall be supplied as promptly as possible but in any case within one month of placement of order and establishment of letter or credit.

6. Warranty/Guarantee

6.1 The supplier warrants that the goods supplied under this contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the contract the supplier further warrants that the good supplied under this contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied good in conditions obtaining in the country of final destination.

6.2 This warranty/guarantee shall remain valid for 12 month after the goods or any portion thereof as the case may be, have been delivered and installed at the final destination indicated in the contract. In case the supplier has standard warranty period greater than 12 months, then the higher warranty period should be considered.

6.3 The purchaser shall promptly notify the supplier, in writing, of any claims arising under this warranty.

6.4 Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof without cost to the purchaser.

6.5 If the supplier, having been notified, fails to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the contract.

6.6 The supplier must provide the following warranties:

- (a) The equipment proposed is complete in every way.
- (b) The hardware/software specification, capabilities and performance characteristics are as stated in the bidder's proposal and accompanying documentation.

- (c) The supplier will offer to the purchaser all technological updates, cost reductions and facilities, which are offered to other clients, in India, during the contract tenure.

If the supplier is acting directly for the manufacturer of the goods and services, the manufacturer must honor these guarantees.

7.0 The MAINTENANCE SERVICE shall be as follows.

- (a) Free maintenance services shall be provided by the supplier during the period of warranty.
- (b) The maximum response time for maintenance complaint from any of the destinations specified in the schedule of requirements (i.e. time required for supplier's maintenance engineer to report at the installation after a request call/telegram/email is made or letter is written) shall not exceed 24 hours.
- (c) Cost of the components required for replacement during the warranty period shall be free of cost.

8. Payment

8.1 payment of contract shall be made in the INR currency in the following manner:

- (i) **On Receipt of goods:** 80% of the contract price for supply of goods received shall be paid within 45 days of receipt of goods at the destination and submission of claim supported by the acceptance certificate issued by the purchaser's representative.
- (ii) **On Successful Installation:** Balance 20% of the contract price shall be paid upon successful installation, commissioning and testing of the equipments and the claim should be supported by acceptance certificate issued by the purchaser's representative..
- (iii) No Advance Payment will be done
- (iv) From Every Bill Security Deposit of 5% of MPPPDC shall be deducted as Retention Money and shall be returned to the bidder upon successful Operation of the equipments. Bidder to note this rate shall be as applicable at the time of execution of the work.
- (v) Bidders to note that no deviations in the payment terms will be acceptable. In the event of the successful bidder seeking change in payment terms or any other

terms and conditions of the contract post qualification for award of work, the EMD may be forfeited by the Purchaser.

9. Prices

1. The price are to be quoted inclusive of all duties, freight, insurance, packing and forwarding charges etc.
2. Applicable taxes on account of only GST will be extra at actual against submission of documents and all other cost will be in the bidders scope.

10. Sub-contracts

The supplier shall notify the purchaser in writing of all subcontracts awarded under the contract if not already specified in his bid. Such notification, in his original bid or latter, shall not relieve the supplier from any liability or obligation under the contract.

Sub contracts shall be only be bought out items and sub assemblies.

11. Resolution of Disputes

The disputes resolution mechanism to be applied shall be as follows:

11.1 No dispute can be raised except before the Competent Authority as defined in Contract Data in writing giving full description and grounds of dispute. It is clarified that merely recording protest while accepting measurement and/or payment shall not be taken as raising a dispute.

11.2 No dispute can be raised after 45 days of its first occurrence. Any dispute raised after expiry of 45 days of its first occurrence shall not be entertained and the Employer shall not be liable for claims arising out of such dispute.

11.3 The Competent Authority shall decide the matter within 45 days.

11.4 Appeal against the order of the Competent Authority can be preferred within 30 days to the Appellate Authority as defined in the Contract data. The Appellate Authority shall decide the dispute within 45 days.

11.5 Appeal against the order of the Appellate Authority can be preferred before the Madhya Pradesh Arbitration Tribunal constituted under Madhya Pradesh Madhyastham Adhikaran Adhiniyam, 1983.

11.6 The Contractor/Bidder/Supplier shall have to continue execution of the Works with due diligence notwithstanding pendency of a dispute before any authority or forum.

12 Notices

For the purpose of all notices, the following shall be the address of the purchaser and supplier

Purchaser: MPPPDC, A Subsidiary of MPKAVN, Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony, Bhopal

Supplier (To be filled at the time of contract signature)

13. **Supplier Integrity:** The supplier is responsible for and obliged to conduct all contracted activities in accordance with the contract using state-of-the art methods and economic principle and exercising all means available to achieve the performance, specified in the contract.

14 Supplier obligations

14.1 The supplier is obliged to work closely with the purchaser staff, act within its own authority and abide, by directives issued by the purchaser on implementation activities.

14.2 The supplier will abide by the job safety measures prevalent in India and will free the purchaser from all demands or responsibilities arising from accidents or loss of life the cause of which is the supplier's negligence the supplier will pay all indemnities arising from such incidents and will not hold the purchaser responsible or obligated.

14.3 The supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.

14.4 The supplier will treat as confidential all data and information about the purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party other party without the prior written approval of the purchaser.

14.5 The supplier will arrange for factory visit to the purchaser staff if the purchaser feels and the visit to be facilitated without any additional cost to the purchaser

15. **Technical Documentation:** The technical documentation involving detailed instruction for operation and maintenance is to be delivered with every unit of equipment supplied the language of the documentation should be English.

16. **Liquidated Damages:** If the supplier fails to deliver any or all of the goods within the time period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages a sum equivalent to 0.5 percent of the delivered price of the delayed goods or unperformed services for each week of delay until actual delivery or performance, up to a maximum deduction of Max of 10% of the

delayed goods or services contract price. Once the maximum is reached, the purchaser may consider termination of the contract.

**SECTION III
SCHEDULE OF REQUIREMENTS**

Serial Number	Brief Description	Quantity	Delivery Schedule
	REFER ANNEXURE		

The bidder is advised to refer the item specific technical specifications of the equipment and bid for the items for which they are eligible to bid.

1. **Scope of Work:**

Scope of the bidder is to supply, unloading and shifting to storage yard, re-shifting to equipment location, installation and trial run of the equipments along with accessories. Maintenance services as explained in the respective clause are to be carried out by the bidder. Bidder has to inform the Purchaser the requirement of utilities like Power, Air, and Water etc and has to coordinate with the concerned personnel of the Purchaser for getting the same arranged for successful installation.

2. For Category E Items, the preference will be given to the bidder who will completely set up the CAD/CAM Lab with the equipments and software mentioned in the list. However the final decision by the Purchaser will be binding.

3. **Delivery Schedule:**

The Delivery and installation of the equipments should be done within 120 days of award of the work. The bidder has to indicate to the purchaser the specific requirements from the purchaser to complete the installation of the equipment. In case the purchaser feels that the installation has to be deferred by some time and it goes beyond 120 days, the bidder shall accordingly carry out the installation without extra cost to the purchaser.

SECTION IV TECHNICAL SPECIFICATIONS

(Aide-Memoire)

Equipments offered are required for training purposes and should from the manufacture's own standard of production, in supply and conforming as near as possible to the following.

REFER ANNEXURE OF TECHNICAL SPECIFICATIONS FOR EACH ITEM

Notes:

The bidder is advised to refer the item specific technical specifications of the equipment and bid for the items for which they are eligible to bid. The bidder has to fill the technical specifications of the items which he is bidding for and upload online.

In addition to the individual technical specifications, the bidder has to fill in "Technical Bid Check List" attached with the tender. In the checklist the bidder has to fill in the details in the yellow highlighted cells as per the instruction in the Notes

Delivery Schedule:

The Delivery and installation of the equipments should be done within 120 days of award of the work. The bidder has to indicate to the purchaser the specific requirements from the purchaser to complete the installation of the equipment. In case the purchaser feels that the installation has to be deferred by some time and it goes beyond 120 days, the bidder shall accordingly carry out the installation without extra cost to the purchaser.

Packing Requirements:

Bidder has to ensure that the packing of the equipment and their parts to be done in a way that it does not get damaged during transit, unloading, storage and installation. Wherever possible the bidder has to ensure wooden packing is done.

Site Visit:

Should the bidder feel that the site visit is required to properly understand the requirement; the bidder has to do at his own cost and accordingly take all inputs into consideration which will be required for installation of the equipment. The Purchaser advises the bidder to have a site visit.

Utilities Requirement:

The Bidder has to clearly specify the utilities (like power, air, water etc) requirement in their bids. The Purchaser will provide the same accordingly. However it will be the responsibility of the bidder to provide correct requirements and if required co-ordinate for the same

SECTION V

MANUFACTURER'S AUTHORIZATION FORM

No..... Dated

TO

Madhya Pradesh Plastic Park Development Corporation Limited

A Subsidiary of M.P. Audyogik Kendra Vikas Nigam - Bhopal

Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony

Bhopal

Madhya Pradesh, India

Dear Sir

Ref: Bid Reference

We

..... Who
are established and reputable manufacturers of
..... having factories at
.....and
..... do hereby authorize M/S

..... (Name and address of Agents) to bid, negotiate and conclude the contract with you against the above Bid.

No company or firm or individual other than M/S
..... Are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Bid.

We hereby extend our full guarantee and warranty as per clause 8 of the term and Conditions of Contract for the goods offered for supply against this invitation for bid by the above firm

Yours Faithfully,

(Name)

For and on behalf of M/S

.....

(Name of Manufactures)

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by signed by a person competent and having the power of attorney to bind the manufacturer.

SECTION VI

BID FORM AND PRICE SCHEDULES

Date

Contract No.

To:

Madhya Pradesh Plastic Park Development Corporation Limited
A Subsidiary of M.P. Audyogik Kendra Vikas Nigam - Bhopal
Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony
Bhopal
Madhya Pradesh, India

Gentlemen:

Having examined the bidding Documents including Addenda nos. (insert Numbers), the receipt of which is hereby duly acknowledged, we the undersigned, offer to supply and deliver (Description of goods and services) in conformity with the said bidding Document for the sum of (total Bid Amount in Word and Figures) or such other sums as may be ascertained in accordance with the schedule of prices attached herewith and made part of this bid.

I/We have examined the detail of the equipments to be supplied and have carefully noted the condition of contract and the specification/drawing with all stipulations of which I/We agree to comply.

We undertake, if our Bid is accepted, to commence delivery within(number) Day and to complete delivery of all the items and perform incidental service are specified in the contract with in (Number) days calculated from the date receipt of your notification of Award/Letter of credit .

If our Bid is accepted, we will obtain the guarantee of bank in a sum not exceeding..... % of the Contract price for the due performance of the contract.

We agree to abide by this bid for a period of (Numbers) days from the date fixed for bid opening under clause 9 of the instruction to bidders and shall remain binding open us and may be accepted any time before the Expiration of the period.

Until a formal contract prepared and executed, this bid, together with your written acceptance thereof and you notification of award, shall constitute a bidding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated thisday of20.....

Signature.....

(In the capacity of):

Duly Authorized to sign bid for and on behalf of

Price Schedule:

The bidder has to submit the financial bid on the online portal as per the procedures mentioned in the e-procurement portal

SECTION- VII.

CONTRACT FORM

THIS AGREEMENT made theday of
,.....20..... between **Madhya Pradesh Plastic Park Development Corporation Limited, A Subsidiary of M.P. Audyogik Kendra Vikas Nigam – Bhopal, Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony, Bhopal, Madhya Pradesh, India** (hereinafter “the purchaser “) of one part and (Name of supplier) of (City and country of supplier) hereinafter “The supplier “) of the other part .

WHEREAS the purchaser is desirous that certain equipments and ancillary services should be provided by the supplier, Viz., (Brief description of goods and services) and has accepted a bid by the supplier for the supply and services of those goods and services in the sum of (Contract price in words in figures) (hereinafter “the contract price “).

a. NOW THIS AGREEMENT WITNESSETH AS FOLLOWS :

1. In this Agreement word and expressions shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to.
2. The Following Documents shall be deemed to form and be read and construed as part of this agreement, Viz.,
 - a. The bid form and price schedule submitted by bidder;
 - b. The schedule of requirements;
 - c. The Technical specification ;
 - d. Term and condition of the contract; and
 - e. The Purchaser’s notification of Award.
3. In Consideration of the payments to be made by the purchaser to the supplier as hereinafter mentioned, the supplier hereby covenants with the purchaser to provide the

goods and services and to remedy defects there in conformity in all respects with the provisions of the contract.

4. The purchaser hereby covenants to pay the supplier in consideration of the provision of the goods and services and the remedying of defects there in, the contract price or such other sum as may become payable under the provision of the contract at the time and in the manner prescribed by the contract.

Brief particulars of the goods and services which shall be supplied/provided by the supplier are as under.

SL. No.	Brief Description of Goods & services	Quantity to be supplied	Unit Price

Total Value in INR:

Delivery Schedule: 120 days from the date of award of work order

IN WITNESS where of the parties here to have caused this agreement to be executed in accordance with their respective laws the day, month and year first above written.

Signed, sealed and delivered by the

Said (For the Purchaser)

In the presence of

Signed, sealed and delivered by the

Said (For the Supplier)

In the presence of:.....

**SECTION VIII,
PERFORMANCE SECURITY FORM**

TO:

Madhya Pradesh Plastic Park Development Corporation Limited

A Subsidiary of M.P. Audyogik Kendra Vikas Nigam - Bhopal

Tawa Complex, First Floor, Bittan Market, E-5, Arera Colony

Bhopal

Madhya Pradesh, India

WHERE AS..... (Name of supplier)

Hereinafter called "the Supplier "has undertaken, in pursuance of Notification of contract No..... dated20..... to supply (Description of Goods and Services) hereinafter called "the contractor ".

AND WHEREAS it has stipulated by you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with the supplier's performance obligation in accordance with the contract. **AND WHERE AS** we have agreed to give the supplier a guarantee:

THEREFOR WE here by affirm that we are guarantors and responsible to you on behalf of the supplier, up to a total of (Amount the Guarantee in Words in Figures) and we undertake to pay you , upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument , any sum or sums within the limit of (Amount of guarantee) as

aforesaid, without your needing to prove or to show ground or reasons for your demand or the sum specified there in.

This guarantee is valid until theday of20.....

Signature and Seal of Guarantors

.....
.....

Date

Address:.....

SECTION IX

(Referred to in clause 7.2 C of instruction to bidders in Section - I)

QUALIFICATION CRITERIA

- a) The bidder should be a manufacturer/authorized dealer of a manufacturer, who must have designed, manufactured, tested and supplied the equipment(s) of similar to the type specified in the schedule of requirements which shall be in successful operation for at least to year on the date of bid opening.
- b) The bidder should furnish the information on the past seven year's supplies for the corresponding items which he is bidding for Government organizations or Reputed Private Organizations in India and satisfactory performance in the Proforma given in under section IX –A.
- c) Bidder shall invariably furnish documentary evidence (Client's certificates) in support of the satisfactory operation of the equipment as specified above. The purchaser may seek the PO Copies along with the client certificate during evaluation.
- d) Average Annual Turnover of the bidder for the past five years shall be at least 50% of the combined bid value of all the items bidding for. The bidder has to furnish CA certified certificates to ascertain this. FY2014-15, FY2013-14, FY2012-13, FY2011-12, FY2010-11 to be considered. Since the bid value will be understood only after the financial bid opening, the bidder has to submit a document on letter head certifying that they will meet the criteria. This document is to be submitted along with the technical bid.
- e) The Bidder has to furnish Income Tax Clearance Certificate for the five years mentioned above

SECTION XI-A

(Please see clause 7.2(c) of instruction to bidders)

PROFORMA FOR PERFORMANCE STATEMENT

(For Simple Goods/equipment for a period of last seven years)

Bid No.Date of OpeningTime
.....Hours.....

Name of the Firm
.....
.....

Order placed by(Full address of Purchaser)	Order No. And date	Description and Quantity of ordered Equipment	Value of order	Date of Completion of as per contract	Delivery Actual	Remarks indicating reasons for late delivery, if any	Has the equipment been satisfactorily functioning?

Signature and seal of the Bidder

SECTION X

PROFORMA FOR DEVIATION STATEMENT

Please see clause 8.3 (c) of instructions to Bidders

Bid ref. No.

Date of Opening

Time :

Name of the firm

Name of the Equipment Quoted

Model No. :

Purchaser's specification	Bidders Specification	Deviation if any	Justification	Remark

Note: Separate deviation statements should be submitted along with the bid for all models/alternative quotes.

NIT No: 19/2017

Madhya Pradesh Plastic Park Development Corporation (MPPDC), A subsidiary of M .P. Audyogik Kendra Vikas Nigam (MPAKVN) invites technical & commercial bids separately item-wise from the reputed/authorized suppliers/manufactures for the supply & installation of Plastic Processing Machinery, Testing Equipments, Tool Room Equipments, CNC and Special Tooling Machines for ADVANCED PLASTIC PRODUCTS SIMULATION & EVALUATION CENTRE (APPSEC) AT PLASTIC PARK TAMOT. The list of the equipments with EMD value for each item is mentioned below

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
A	Plastic Processing Equipments			
A.1	Hand Operated Injection Moulding Machine	No	3	1000
A.2	Hand Operated Blow Moulding Machine	No	3	1300
A.3	FULLY Automatic Horizontal Injection Moulding Machine	No	1	107000
A.4	Microprocessor/PLC controlled Automatic Injection Moulding Machine	No	1	30000
A.5	Three Layer Extrusion Blown Film Unit with Carona Treater	No	1	28500
A.6	Recycling Extruder with Pelletizer	No	1	19000
A.7	Hydraulic Compression Moulding Machine	No	1	19000
A.8	Mould Temperature Control Units	No	1	1900
A.9	Film Cutting and Sealing Machine	No	1	2850

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
A.10	Dehumidifier	No	1	4750
A.11	Hot Air Oven/Drier	No	1	3800
A.12	High Speed Mixer	No	1	3800
A.13	Air Compressor	No	1	11400
A.14	Scrap Grinder	No	1	9500
A.15	Hopper Loader	No	3	8550
A.16	Weighing Balance	No	1	1000
A.17	Hydraulic Trolley	No	1	2850
A.18	CHILLER	No	5	14250
A.19	Cooling Tower 40 TR	No	1	5700
A.20	EOT Crane5 Tonnes	No	1	19000
A.21	Microprocessor Controlled Double PET Perform Stretch Moulding Machine	No	1	38000
A.22	Twin screw extruder	No	1	50000
A.23	RTM Lab model	No	1	32000
A.24	Spray layup Model	No	1	20000
B	Testing Equipments			
B.1	XENON Weather o meter @ 1no & UV Weather o meter @ 2 no	No	1+2	86000
B.2	Universal Testing Machine	No	1	70000
B.3	Computerized Melt Flow Index Tester	No	1	32000

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
B.4	Dielectric Breakdown Tester	No	1	19000
B.5	Water Vapour Transmission Tester	No	1	19000
B.6	Thermal Conductivity Meter	No	1	28500
B.7	Dielectric Constant Meter	No	1	19000
B.8	Comparative Tracking Index	No	1	19000
B.9	Hydrostatic Pressure Strength Tester for Pipes	No	1	19000
B.10	Gloss Meter	No	1	10000
B.11	Creep Tester	No	1	19000
B.12	Elmendorf Tear Tester	No	1	11400
B.13	Fume Hood	No	1	3800
B.14	Hot Air Humidity Oven	No	1	3800
B.15	Microbalance with density kit	No	2	5700
B.16	Flammability tester	No	1	16000
B.17	ESCR Apparatus	No	1	1900
B.18	Hardness Tester	No	1	3800
B.19	Opacity Tester	No	1	9500
B.20	Deep Freezer	No	1	3800
B.21	High Temperature Oil Bath	No	1	5700
B.22	Ozone resistance tester	No	1	22800
B.23	FTIR	No	1	30000
B.24	Taber Abrasion (Dual Rotary Platform Abraders)	No	1	5700

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
B.25	Moisture Analyzer	No	1	5700
B.26	Microwave muffle furnace	No	1	5700
B.27	Glow wire test machine	No	1	5700
B.28	HDT/VST Apparatus	No	1	15200
B.29	Izod/Charpy Impact Tester	No	1	15200
B.30	Scanning Electron Microscope (SEM) with accessories	NO	1	65000
C	Tool Room Machinery			
C.1	Surface Grinding Machine	No	2	26600
C.2	Tool & Cutter Grinding Machine	No	2	11400
C.3	Radial Drilling Machine	No	2	5700
C.4	Polishing Kit	No	1	1900
C.5	Surface Plate	No	1	2850
C.6	Air Compressor with Air Dryer	No	2	11400
C.7	Hydraulic Hand Pellet Truck	No	1	1900
D	CNC and Special Tooling Machine and Equipments			
D.1	CNC EDM Machine	No	1	42750
D.2	CNC Wire Cut EDM	No	1	47500
D.3	CNC Programming Simulator	No	1	5700
D.4	Rapid Prototype Machine/3D Printer	No	2	8000
D.5	CNC Coordinate Measuring Machine	No	1	38000
D.6	Measuring Equipments	Set	1	28500

S No	Equipments at Tamot Plastic Park	UoM	Qty	EMD Fees in Rs.
	(Quantity as per Technical Specifications)			
E	CAD/CAM Lab			
E.1	Computer Workstation	No	50	47500
E.2	ONLINE UPS	No	5	9500
E.3	Printer	No	5	1000
E.4	Scanner	No	2	1000
E.5	Photo Copier	No	1	1900
E.6	LCD Projector	No	5	3400
E.7	LAPTOP	No	2	1900
E.8	CATIA Software (1 Training License) 10 User	No	1	10000
E.9	Pro-E (PTC Creo) (1 Training License) 50 User	No	1	10500
E.10	Unigraphics / NX Software (1 Training License) 10 User	No	1	28670
E.11	Hypermesh Software (1 Training License) 5 User	No	1	12000
E.12	Ansys Software (1 Training License) 10 User	No	1	6000
E.13	Delcam Software (1 Training License) 1 User	No	1	28400
E.14	Master Cam Software (1 Training License) 10 User	No	1	10000
E.15	Mold Flow Software (1 Training License) 10 User	No	1	6000

Interested and eligible bidders are requested to apply through e procurement website www.mpeproc.gov.in and also visit www.mpakvnbhopal.nic.in for complete details on technical specification and commercial terms.

The bidder has to purchase the tender by paying an amount of Rs. 1000 online

Bidders to note that the evaluation of the bid will be done on item basis. MPPPDC reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof.

Important timelines for the NIT is mentioned below

Last Date of Purchase	08.08.2017
Pre Bid Meeting	14.07.2017
Last Date for Submission of Bids	10.08.2017
Last Date of Submission of Hard Copy	14.08.2017
Opening of Technical Bid	17.08.2017
Opening of Commercial Bid	01.09.2017

Interested and eligible bidders are requested to apply through NIT website www.mpakvnbhopal.nic.in & www.mpeproc.gov.in for complete details on technical specification and commercial terms. Evaluation of the bid will be item specific.

1. The bidders shall have to submit their bids online (Decrypt the bids and re-encrypt the bids) and upload the relevant documents for each item for which they are bidding from as per key dates.
2. Original DD instruments & Technical and commercial bids should reach CEO, Madhya Pradesh Plastic Park Development Corporation Limited, c/o Madhya Pradesh Audyogik Kendra Vikas Nigam Bhopal First Floor, Bittan Market, E-5, Arera Colony, Bhopal-462016 M.P. by 14/08/2017 up to 5.30 p.m. through speed post A.D. or hand delivery. Nigam will not be responsible for any postal delays.
3. Tender form can be purchased online from e-portal www.eprocure.mp.gov.in by making online payment of Rs. 1000 through NEFT/RTGS.
4. The bidder has to submit the applicable EMD for each item which he is bidding for in the form of DD made in favor of Madhya Pradesh Plastic Park Development Corporation Limited payable at Bhopal. Scan copy of the bid is to be uploaded online and original instruments to be submitted along with the Techno-commercial Bid.

5. The Bid Data should be filled and the Bid Seals (Hashes) of all the envelopes and the documents which are to be uploaded by the Bidders should be submitted online up to as per time schedule (key Dates)
6. The Bidders shall have to submit their Bids online (decrypt the bids and re-encrypt the bids) and upload the relevant documents from as per time schedule (key Dates). In case the documents are uploaded online, the bid will not be considered for further evaluation. However the final decision rests with the purchaser.
7. Bidding documents can also be viewed on M.P. AKVN Bhopal Website <http://www.mpakvnbhopal.nic.in> however for bidding purpose online purchase procedure has to be followed as already mentioned in Note No. 3 above.
8. Other details can be seen in the tender documents.

Executive Engineer

ANNEXURES

ANNEXURE – I: TECHNICAL SPECIFICATIONS FOR EACH ITEM

ANNEXURE – II: SUMMARY SHEET FOR TECHNICAL BIDDING

ANNEXURE – III: FINANCIAL BID

ANNEXURE - II

TECHNICAL BID SUMMARY

Supplier:	
Address	

NIT No **19**

S No	Equipments at Tamot Plastic Park	UoM	Qty	Bidding	Bidder Details		Tender Fee DD	EMD DD	Experience Certificate	Service Person in M.P.
A	Plastic Processing Equipments			Yes/No	Dealer/Manufacturer	COO of Item	DD Details	DD Details	Yes/No	Yes/No
A.1	Hand Operated Injection Moulding Machine	No	3							
A.2	Hand Operated Blow Moulding Machine	No	3							
A.3	FULLY Automatic Horizontal Injection Moulding Machine	No	1							
A.4	Microprocessor/PLC controlled Automatic Injection Moulding Machine	No	1							
A.5	Three Layer Extrusion Blown Film Unit with Carona Treater	No	1							
A.6	Recycling Extruder with Pelletizer	No	1							
A.7	Hydraulic Compression Moulding Machine	No	1							
A.8	Mould Temperature Control Units	No	1							
A.9	Film Cutting and Sealing Machine	No	1							

A.10	Dehumidifier	No	1							
A.11	Hot Air Oven/Drier	No	1							
A.12	High Speed Mixer	No	1							
A.13	Air Compressor	No	1							
A.14	Scrap Grinder	No	1							
A.15	Hopper Loader	No	3							
A.16	Weighing Balance	No	1							
A.17	Hydraulic Trolley	No	1							
A.18	CHILLER	No	5							
A.19	Cooling Tower 40 TR	No	1							
A.20	EOT Crane5 Tonnes	No	1							
A.21	Microprocessor Controlled Double PET Perform Stretch Moulding Machine	No	1							
A.22	Twin screw extruder	No	1							
A.23	RTM Lab model	No	1							
A.24	Spray layup Model	No	1							
B	Testing Equipments									
B.1	XENON Weather o meter	No	1							
	UV Weather o meter	No	2							
B.2	Universal Testing Machine	No	1							
B.3	Computerized Melt Flow Index Tester	No	1							
B.4	Dielectric Breakdown Tester	No	1							
B.5	Water Vapour Transmission Tester	No	1							
B.6	Thermal Conductivity Meter	No	1							
B.7	Dielectric Constant Meter	No	1							
B.8	Comparative Tracking Index	No	1							
B.9	Hydrostatic Pressure Strength Tester for Pipes	No	1							
B.10	Gloss Meter	No	1							
B.11	Creep Tester	No	1							
B.12	Elemendorf Tear Tester	No	1							

D.1	CNC EDM Machine	No	1							
D.2	CNC Wire Cut EDM	No	1							
D.3	CNC Programming Simulator	No	1							
D.4	Rapid Prototype Machine/ 3D Printer	No	2							
D.5	CNC Coordinate Measuring Machine	No	1							
D.6	Measuring Equipments (Quantity as per Technical Specifications)	Set	1							
E	CAD/CAM Lab									
E.1	Computer Workstation	No	50							
E.2	ONLINE UPS	No	5							
E.3	Printer	No	5							
E.4	Scanner	No	2							
E.5	Photo Copier	No	1							
E.6	LCD Projector	No	5							
E.7	LAPTOP	No	2							
E.8	CATIA Software (1 Training License) 10 User	No	1							
E.9	Pro-E (PTC Creo) (1 Training License) 50 User	No	1							
E.10	Unigraphics / NX Software (1 Training License) 10 User	No	1							
E.11	Hypermesh Software (1 Training License) 5 User	No	1							
E.12	Ansys Software (1 Training License) 10 User	No	1							
E.13	Delcam Software (1 Training License) 1 User	No	1							
E.14	Master Cam Software (1 Training License) 10 User	No	1							

- 5 Bidder to Mention the DD Details for Tender Fee in Column G
- 6 Bidder to Mention the DD Details for EMD in Column H
- 7 Bidder to Enter Yes or No from the Drop Down Menu in Column I for experience certificates. For Items which he is not bidding for bidder to select Not Applicable Option
- 8 If there is no Experience Certificate submit for the particular item, the bid for that particular item will be rejected

ANNEXURE - III

FINANCIAL BID

**SUPPLY, INSTALLATION OF PLASTIC PROCESSING MACHINERY,
TESTING EQUIPMENTS, TOOL ROOM MACHINERY, CNC AND
SPECIAL TOOLING MACHINES FOR
ADVANCED PLASTIC PRODUCTS SIMULATION
& EVALUATION CENTRE (APPSEC)
AT PLASTIC PARK TAMOT RAISEN DISTRICT**

Supplier:						
Address						
NIT No	19					
S No	Equipments at Tamot Plastic Park	UoM	Qty	Bidding	Unit Price	Total Price
A	Plastic Processing Equipments			Yes/No	In INR	In INR
A.1	Hand Operated Injection Moulding Machine	No	3			
A.2	Hand Operated Blow Moulding Machine	No	3			
A.3	FULLY Automatic Horizontal Injection Moulding Machine	No	1			
A.4	Microprocessor/PLC controlled Automatic Injection Moulding Machine	No	1			
A.5	Three Layer Extrusion Blown Film Unit with Carona Treater	No	1			
A.6	Recycling Extruder with Pelletizer	No	1			
A.7	Hydraulic Compression Moulding Machine	No	1			
A.8	Mould Temperature Control Units	No	1			
A.9	Film Cutting and Sealing Machine	No	1			
A.10	Dehumidifier	No	1			
A.11	Hot Air Oven/Drier	No	1			
A.12	High Speed Mixer	No	1			
A.13	Air Compressor	No	1			
A.14	Scrap Grinder	No	1			
A.15	Hopper Loader	No	3			
A.16	Weighing Balance	No	1			
A.17	Hydraulic Trolley	No	1			
A.18	CHILLER	No	5			
A.19	Cooling Tower 40 TR	No	1			
A.20	EOT Crane5 Tonnes	No	1			

A.21	Microprocessor Controlled Double PET Perform Stretch Moulding Machine	No	1			
A.22	Twin screw extruder	No	1			
A.23	RTM Lab model	No	1			
A.24	Spray layup Model	No	1			
B	Testing Equipments					
B.1	XENON Weather o meter	No	1			
	UV Weather o meter	No	2			
B.2	Universal Testing Machine	No	1			
B.3	Computerized Melt Flow Index Tester	No	1			
B.4	Dielectric Breakdown Tester	No	1			
B.5	Water Vapour Transmission Tester	No	1			
B.6	Thermal Conductivity Meter	No	1			
B.7	Dielectric Constant Meter	No	1			
B.8	Comparative Tracking Index	No	1			
B.9	Hydrostatic Pressure Strength Tester for Pipes	No	1			
B.10	Gloss Meter	No	1			
B.11	Creep Tester	No	1			
B.12	Elemendorf Tear Tester	No	1			
B.13	Fume Hood	No	1			
B.14	Hot Air Humidity Oven	No	1			
B.15	Microbalance with density kit	No	2			
B.16	Flammability tester	No	1			
B.17	ESCR Apparatus	No	1			
B.18	Hardness Tester	No	1			
B.19	Opacity Tester	No	1			
B.20	Deep Freezer	No	1			
B.21	High Temperature Oil Bath	No	1			
B.22	Ozone resistance tester	No	1			
B.23	FTIR	No	1			
B.24	Taber Abrasion (Dual Rotary Platform Abraders)	No	1			
B.25	Moisture Analyzer	No	1			
B.26	Microwave muffle furnace	No	1			
B.27	Glow wire test machine	No	1			
B.28	HDT/VST Apparatus	No	1			
B.29	Izod/Charpy Impact Tester	No	1			
B.30	Scanning Electron Microscope (SEM) with accessories	No	1			

C	Tool Room Machinery					
C.1	Surface Grinding Machine	No	2			
C.2	Tool & Cutter Grinding Machine	No	2			
C.3	Radial Drilling Machine	No	2			
C.4	Polishing Kit	No	1			
C.5	Surface Plate	No	1			
C.6	Air Compressor with Air Dryer	No	2			
C.7	Hydraulic Hand Pellet Truck	No	1			
D	CNC and Special Tooling Machine and Equipments					
D.1	CNC EDM Machine	No	1			
D.2	CNC Wire Cut EDM	No	1			
D.3	CNC Programming Simulator	No	1			
D.4	Rapid Prototype Machine/ 3D Printer	No	2			
D.5	CNC Coordinate Measuring Machine	No	1			
D.6	Measuring Equipments (Quantity as per Technical Specifications)	Set	1			
E	CAD/CAM Lab					
E.1	Computer Workstation	No	50			
E.2	ONLINE UPS	No	5			
E.3	Printer	No	5			
E.4	Scanner	No	2			
E.5	Photo Copier	No	1			
E.6	LCD Projector	No	5			
E.7	LAPTOP	No	2			
E.8	CATIA Software (1 Training License) 10 User	No	1			
E.9	Pro-E (PTC Creo) (1 Training License) 50 User	No	1			
E.10	Unigraphics / NX Software (1 Training License) 10 User	No	1			
E.11	Hypermesh Software (1 Training License) 5 User	No	1			
E.12	Ansys Software (1 Training License) 10 User	No	1			
E.13	Delcam Software (1 Training License) 1 User	No	1			
E.14	Master Cam Software (1 Training License) 10 User	No	1			
E.15	Mold Flow Software (1 Training License) 10 User	No	1			

Notes:

- 1 Bidder to Enter Yes or No from the Drop Down Menu in Column D to indicate the items which he is bidding for
- 2 Bidder to Enter the Unir Price in Column E
- 3 Price should be only in INR.
Price terms shall be FOR Site
- 4 Price Validity shall be 180 days