



क्रय कार्यालय  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद,  
प्रयागराज-211004 (भारत)  
Purchase Office  
Motilal Nehru National Institute of Technology Allahabad,  
Prayagraj-211004 (India)  
Ph. # 0532-227-1057, 1030; mail: purchase@mnnit.ac.in



**REFERENCE:** Open Tender # 005/PO/ECED/Arbitrary Wave Generator/Pattern Generator/2020-21 dated 24.08.2020

**(A.) List of Bidder(s) found as **NON-RESPONSIVE** In Technical Evaluation**

तकनीकी मूल्यांकन में अनुत्तरदायी पाए गए बोलीदाताओं की सूची

Sl.	Name of Bidder	Status
1.	M/s Agmatel India Pvt. Ltd., New Delhi	Non-Responsive
2.	M/s Optimized Solutions Limited, Ahmadabad, Gujarat	Non-Responsive
3.	M/s Revine Technologies India Pvt. Ltd., Pune	Non-Responsive

**(B.) List of Bidders found as **RESPONSIVE** in Technical Evaluation**

तकनीकी मूल्यांकन में उत्तरदायी पाए गए बोलीदाताओं की सूची

Sl.	Name of Bidder	Status
1.	M/s Convergent Technologies India Pvt. Ltd., Bangalore	Responsive

## **Price Bid Opening**

Date	Time	Venue
<b>15.01.2021</b>	<b>1530 Hrs.</b>	<b>Room # 205, Purchase Office Administrative Building, MNNIT Allahabad</b>

मो० दानिश अंसारी/सहायक कुलसचिव (प्रशा०-III)  
Mohd Danish Ansari/Assistant Registrar (Admin-III)  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
Motilal Nehru National Institute of Technology Allahabad



सूक्ष्म कणिका एवंसंचारअभियंत्रण विभाग  
Department of Electronics & Communication Engineering  
मोतीलालनेहरू राष्ट्रीय प्रौद्योगिकीसंस्थानइलाहाबाद  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD  
इलाहाबाद- २११००४  
ALLAHABAD-211004

**TECHNICAL COMPARATIVE STATEMENT FOR PROCUREMENT OF ARBITRARY WAVE GENERATOR/PATTERN GENERATOR**

Tender no.: Bid No.005/PO/ECED/Arbitrary Wave Generator/Pattern Generator/2020-21 Dt. 24.08.2020  
For: Procurement of Arbitrary Wave Generator/Pattern Generator  
Date & Time of Opening of Bid: 22.09.2020, 1530Hrs.

The Committee constituted for the evaluation of Bids has reported in their document that the **four (04)** nos. of bid, submitted by firms, are evaluated on the basis of Technical Specifications, mentioned in the Tender Document, after evaluation basis of Technical Specifications mentioned in tender document **two (02)** firms satisfy the requirements of the Tender Document, and are found **RESPONSIVE BIDDERS**.

**1. Technical Specification / Item Description**

Sl. no.	Requirement and Installation	FIRM-1 M/sAgmatel India Private Limited E-366,1Ind Floor, NirmanVihar, Vikas Marg, Delhi-110092	FIRM-2 M/s Convergent Technologies, # 14, ground floor, 5 <sup>th</sup> block, Kumarapark West, Bangalore-560020	FIRM-3 M/s Optimized Solutions Limited, 310, ATMA, House, Opp. Old RBI, Ashram Road, Ahmedabad-380009	FIRM-4 M/sRevine Technologies Private Limited, office no. 501, Stellar Space, Kharadi, Pune-14
	Number of Channels	<b>Again, uploaded pre-bid document with MSME Certificate</b>	Complied	Complied	Complied
	Rise /Fall time		Complied	Complied	Complied
	Sample clock generator		Complied	Complied	Non-Complied (Lower range is not mentioned)
	DAC Resolution per channel		Complied	Complied	Non-Complied (6-bits)
	Analog Bandwidth(-3dB)		Complied	Complied	Complied
	Waveform Length		Complied	Complied	Non-Complied (9 M points)
	SFDR		Complied	Complied	Non-Complied
	Phase Noise		Complied	Complied	Non-Complied
	2 <sup>nd</sup> Harmonic distortion		Complied	Complied	Non-Complied
	Run Modes		Complied	Complied	Non-Complied
	Connector type	Complied	Complied	Non-Complied	

*[Handwritten signatures and dates]*

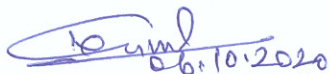
*[Handwritten signature]*


Software should be available to generate Various RF signals capabilities	Ability to generate IQ/RF signals BPSK, QPSK, DQPSK, 8PSK, GMSK, FSK2/4/8/16, 6/32/64/128/256QAM, 16/32 APSK Hopping Signals IQ impairments Additive Noise Interference Generation Multi-Path Multi-Carrier with each Carrier to be modulated with different Modulation schemes AM/PM noise addition		Complied	Complied	Non-Complied (Some of parameters are complied)
External Clock in and Out	6 GHz or better		Complied	Complied	Non-Complied
Built -In OS	Window10 or better with HDD to store signals and setups		Complied	Complied	Complied
Operating temp	0-50 degree		Complied	Complied	Non-complied
Responsive/ Non-Responsive		Non-Responsive	Responsive	Responsive	Non-Responsive

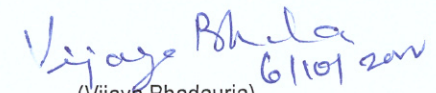
**Remark:** The bidder no.4 (i.e., M/s Revine Technologies Private Limited, office no. 501, Stellar Space, Kharadi, Pune-14) quoted AWG3420 Dual Channel (make: Micram) and mentioned that all the specifications are Complied in submitted technical compliance sheet of the bid. The bidder was not attached the complete specification details (data sheet for verification) of quoted item. The based on quoted make of Arbitrary Wave Generator/Pattern Generator in tender document, it is found that on the website of "Micram", the few of specifications like Number of Channels, Rise/Fall Time/Analog bandwidth (-3dB), and Built in OS are complied. The other specifications of tender document are not complied as per their quoted make. Therefore, the M/s Revine Technologies Private Limited, office no. 501, Stellar Space, Kharadi, Pune-14, is Non-Responsive.

**RECOMMENDATION:**

On the basis of the above Technical Comparative Statement, the Committee found **Two (02) Firms** (M/s Convergent Technologies, # 14, ground floor, 5th block, Kumarapark West, Bangalore-560020 and M/s Optimized Solutions Limited, 310, ATMA, House, Opp. Old RBI, Ashram Road, Ahmedabad-380009) are found **RESPONSIVE**, and Technically Qualified Bidders for the items as mentioned against each. Therefore, the Committee recommends the commercial evaluation of only the Technical Qualified Bidders.

  
(Yogendra Kumar Prajapati)

  
(Arun Prakash)

  
(Vijaya Bhaduria)



**TECHNO-COMMERCIAL COMPLIANCE STATEMENT**

**Tender Reference No.:** Open Tender # 005/PO/ECED/Arbitrary Wave Generator/Pattern Generator/2020-21 dated 24.08.2020

**Description:** Procurement of Lab Equipments at MNNIT Allahabad

**Date of Technical Bid Opening:** 22.09.2019 at 1530 Hrs.

**Venue:** Room No. 203 (Conference Hall, Purchase office)

Eligibility Criteria under ITB (Page # 6/16)	Title/Requirement	[2/4]		[3/4]	
		M/s Convergent Technologies India Pvt. Ltd., Bangalore		M/s Optimized Solutions Limited	
Point (i) under Eligibility Criteria at Sl. # 4	The Bidder must be a legally valid entity i.e. a Proprietary/Partnership Firm/Limited Company/Society Legally constituted or registered under the relevant act	Complied (Pg. no. 27) (Registration # 080123856PMTSSI dt. 19.04.91)		Complied (Pg. no. 11) (CIN # U31900GJ2005PLC045613)	
Point (ii) under Eligibility Criteria at Sl. # 4	Bidder must have an annual average turnover of <b>Rs. 158.00</b> lakhs during the past three financial years i.e. 2017-18, 2018-19 and 2019-20.	FY 2017-18	1546.74	FY 2017-18	4146.90
		FY 2018-19	2390.18	FY 2018-19	5147.01
		FY 2019-20	Not provided	FY 2019-20	Not provided
Point (iii) under Eligibility Criteria at Sl. # 4	Must have supplied the same equipments with same set of accessories to reputed Indian organizations especially NITS/IITs/IIITs/Central Universities/IISERs/CSIR/Labs etc. during the last three financial years i.e. 2017-18, 2018-19 and 2019-20.	complied (Pg. no. 19 to 24)		<b>Not-complied</b> (Copy of purchase orders not attached)	
Point (iv) under Eligibility Criteria at Sl. # 4	Duly filled in format 'A' to 'F'. Annexure-A: Bid Proposal Sheet	Complied (Pg. no. 03 to 04)		Complied (Pg. no. 09 to 10)	
	Format – B : Technical Compliance of Goods	Complied (Pg. no. 04 to 05)		Complied (Pg. no. 06 to 07)	
	Format – C : Price Reasonability Certificate	Complied (Pg. no. 24)		Complied (Pg. no. 10)	
	Format – D : Manufacturers' Authorization Form (MAF)	Complied (Pg. no. 18)		<b>Not-Complied</b> (Pg. no. 17)	
	Format – E : Affidavit Regarding Blacklisting/ Non-Blacklisting Firm	Complied (Pg. no. 25)		Complied (Pg. no. 17)	
	Format – F : Proforma for Direct Payment/Transfer to Bank Account by MNNIT Allahabad	Complied (Pg. no. 26)		Complied (Pg. no. 11)	
	Point (vi) under Eligibility Criteria at Sl. # 4	Must have submitted the EMD required unless exempted	Complied (Pg. no. 02, 54)		Complied (Pg. no. 02 UAM # GJ01D0060388)
Payment Condition (Page # 7/16)	<b>Payment Condition:</b> 100% Payment shall be released only after delivery, installation & satisfactory acceptance of goods. PBG as noted in para 5 of Instruction/Guidelines to Bidder (ITB) shall from part of the condition for release of payment. Advance payment is not permitted. (i) Normal Commercial warranty/ guarantee shall be applicable to the supplied goods. (ii) Payment will be cleared through e-payment mode (Format of e-payment form given at Annexure-F)	Complied (Pg. # 05)		Complied (Pg. no. 08)	

**RECOMMENDATION:**

On the basis of the above, the Committee found **M/s Optimized Solutions Limited** not meeting the eligibility criteria laid under ITB (Page # 6/16) due to following:

- (i) No Purchase Orders enclosed in support of having supplied the same equipment with same set of accessories during the last three financial years i.e. 2017-18, 2018-19 and 2019-20.
- (ii) Not authorized by the OEM to bid in the other state except Gujarat and Madhya Pradesh.

**M/s Convergent Technologies India Pvt. Ltd., Bangalore** has been found as techno-commercially responsive except that it has not provided the turnover details for the financial year 2019-20, although it is fulfilling the annual turnover requirement of ₹158 lakhs during the last three financial years (2017-18 and 2018-19, assuming 2019-20 to be zero).

*[Signature]*  
03.12.2020

*Kajayee Akhela*  
3/12/2020

*[Signature]*  
03.12.20  
Sunder  
3-12-2020

*[Signature]*

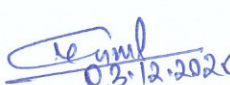
Considering the above shortfall of the documents, the Committee discussed & deliberated on the extant provisions of GFR 2017 and Manual for Procurement of Goods 2017.


On perusal of Para 7.3.5, Clarification of Bids/Shortfall Documents in Manual for Procurement of Goods 2017 which inter alia states:-


*"During evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given in writing by registered/ speed post, asking the tenderer to respond by a specified date, and also mentioning therein that, if the tenderer does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained. The shortfall information/ documents should be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then. These should be called only on basis of the recommendations of the TC. (Example: if the Permanent Account Number, registration with sales tax/VAT has been asked to be submitted and the tenderer has not provided them, these documents may be asked for with a target date as above). So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents should be asked for and considered. For example, if the bidder has submitted a supply order without its completion/performance certificate, the certificate can be asked for and considered. However, no new supply order should be asked for so as to qualify the bidder."*

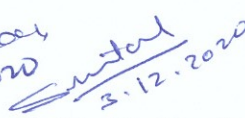
Considering the above provision, the Committee recommends that **M/s Convergent Technologies India Pvt. Ltd., Bangalore** (SINGLE responsive bidder) may be asked to provide the following:-

- (i) Documentary evidence in support of Bidder Turnover Criteria in the form of Certified Audited Balance Sheet for the year 2019-20 or a certificate from the Chartered Accountant/Cost Accountant indicating the turnover details for the relevant period.

  
[Y. K. Prajapati]  
03.12.2020

  
[Arun Prakash]  
03.12.2020

  
[Vijaya Bhaduria]  
3/12/2020

  
Assistant Registrar (Accounts-I)  
3.12.2020

  
[Dean (R&C)]  
3.12.20



**TECHNO-COMMERCIAL COMPLIANCE STATEMENT**

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Point (ii) under Eligibility Criteria at Sl. # 4	Bidder must have an annual average turnover of Rs. 158.00 lakhs during the past three financial years i.e. 2017-18, 2018-19 and 2019-20.	FY 2017-18	1546.74	FY 2017-18	4146.90
		FY 2018-19	2390.18	FY 2018-19	5147.01
		FY 2019-20	2559.38*	FY 2019-20	Not provided
Point (iii) under Eligibility Criteria at Sl. # 4	Must have supplied the same equipments with same set of accessories to reputed Indian organizations especially NITS/IITs/IIITs/Central Universities/IISERs/CSIR/Labs etc. during the last three financial years i.e. 2017-18, 2018-19 and 2019-20.	complied (Pg. no. 19 to 24)		Not-complied (Copy of purchase orders not attached)	
Point (iv) under Eligibility Criteria at Sl. # 4	Duly filled in format 'A' to 'F'.				
	Annexure-A: Bid Proposal Sheet	Complied (Pg. no. 03 to 04)		Complied (Pg. no. 09 to 10)	
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	Format – D : Manufacturers' Authorization Form (MAF)	Complied (Pg. no. 18)		Not-Complied (Authorized in the state of Gujarat & Madhya Pradesh only) (Pg. no. 17)	
	Format – E : Affidavit Regarding Blacklisting/ Non-Blacklisting Firm	Complied (Pg. no. 25)		Complied (Pg. no. 17)	
	Format – F : Proforma for Direct Payment/Transfer to Bank Account by MNNIT Allahabad	Complied (Pg. no. 26)		Complied (Pg. no. 11)	
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\* Provisional

**RECOMMENDATION:**

The Committee considered the reply dated December 11, 2020 received from M/s Convergent Technologies India Pvt. Ltd., Bangalore which inter alia says: -

"GOI has extended the date of finalization of Balance Sheet upto 31.12.2020. We are enclosing herewith unaudited Balance Sheet for the year 2019-20 for your ready reference. We will submit duly certificated Audited Balance Sheet as soon it is received at our end."

[Y. K. Prajapati]

[Arun Prakash]


[Vijaya Bhaduria]

Assistant Registrar (Accounts-I)


[Dean (R&C)]

On perusal of the copy of financial statements provided above, the Committee found the unaudited turnover of FY 2019-2020 meeting the terms & conditions of the tender document. The committee further resolved that the condition of average of Rs. 158.00 Lakhs is fulfilled.

The Committee therefore recommends for cost opening of **M/s Convergent Technologies India Pvt. Ltd., Bangalore.**

  
[Y. K. Prajapati]

  
[Arun Prakash]

  
[Vijaya Bhaduria]

  
Assistant Registrar (Accounts-I)

  
[Dean (R&C)]