केनरा बैंक ◁△▷ **Canara Bank**

<u>Corrigendum-2 to GeM Bid ref no. GEM/2023/B/3066561 dated 02/02/2023 for Supply, Installation, Implementation and Maintenance of API Banking Solution in Canara Bank for 5 years.</u>

<u>It is decided to amend the following in respect of the above GeM bid:</u>

a. <u>GeM bid document (Bid End Date / Bid Opening Date, Page no. 1):</u>

Description	Existing details	Amended details
Bid End Date/Time	27-02-2023, 15:00:00	<u>**09-03-2023**</u>, 15:00:00
Bid Opening Date/Time	27-02-2023, 15:30:00	<u>**09-03-2023**</u>, 15:30:00

Sl. No.	Section/ Annexure/ Appendix of the GeM bid	Clause No.	Existing	Amended
b.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	17. Warranty	17.3 The warranty will start from the date of Go-Live.	17.3 The warranty will start **after the implementation of 100 APIs.**
c.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	17. Warranty	17.5 The Software/Solution deployed for this project shall be under Comprehensive Onsite Warranty covering update of software, maintenance or support for its proper operation, performance and output as specified in the tender for a period of three (3) year from the date of acceptance of the Solution.	17.5 The Software/Solution deployed for this project shall be under Comprehensive Onsite Warranty covering update of software, maintenance or support for its proper operation, performance and output as specified in the tender for a period of <u>**One (1) year from the date of acceptance of 100 APIs implementation.**</u>
d.	Buyer Added Bid Specific Terms and Conditions	20. Payment Terms	Sl. No. 1 Payment Stages:	Sl. No. 1 Payment Stages:

		8. Buyer Added Bid Specific ATC	Enterprise License with unlimited user but limited to 720 TPS Cost for a period of 5 Years. **% of Payment - 40%** **Conditions/Remarks:** After successful go live of 1 Year and on submission of Invoice and Acceptance/Sign off by the Bank on production of relevant documents	Enterprise License with unlimited user but limited to 720 TPS Cost for a period of 5 Years. **% of Payment - 40%** **Conditions/Remarks:** After successful go live of 1 Year **for** **first 100 APIs and** on submission of Invoice and Acceptance/Sign off by the Bank on production of relevant documents.
e.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC.	Annexure-2 Technical/Functional Requirement	**G. API Gateway and Deployment** 52. The proposed API Gateway support appliance form factor with SW and HW options and support usage as an enterprise security gateway for API/Web/Mobile requests.	**G. API Gateway and Deployment** 52. The proposed API Gateway **solution supports** form factor with **SW options** and support usage as an enterprise security gateway for API/Web/Mobile requests.
f.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	Annexure-2 Technical/Functional Requirement	**G. API Gateway and Deployment** 53. The Proposed API gateway Appliance Form factor should be with signed and encrypted and it should not support installation of any other SW components into same.	**G. API Gateway and Deployment** 53. The Proposed API gateway **solution** Form factor should be with signed and encrypted and it should not support installation of any other SW components into same.
g.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	Annexure-11 Bill of Material	Existing Annexure-11 Bill of Material	Amended Annexure-11 Bill of Material
h.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	Annexure-10 Technical Evaluation Parameters	**Sl No. 4** **Particulars:** Employee strength of OEM handling API Banking (or Similar) Platform >1000 - **5 Marks** ~500-1000 - **3 marks** <500 - **0 marks**	**Sl No. 4** **Particulars:** Employee strength of **OEM/Bidder** handling API Banking (or Similar) Platform >1000 - **5 Marks** ~500-1000 - **3 marks** <500 - **0 marks**

i.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	23. Mean Time Between Failures (MTBF)	If during the contract period, any software items fails on three or more occasions in a quarter, such items shall be replaced by equivalent / superior new hardware items by the bidder at no additional cost to the Bank.	If during the contract period, any software items fails on three or more occasions in a quarter, such items shall be replaced by equivalent / superior new **Software** items by the bidder at no additional cost to the Bank.
j.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	Annexure-1 Scope of Work & Functional Requirement	25. The bidder shall be responsible for supply, installation, re-installation and maintenance of API Banking solution along with, its related other software tools at Bank's DC, DR and Near DR setup. Bidder shall have to install/re-install & migrate the solution along with other environments like Development, UAT, etc. in case of shifting of Bank's DC/DR/Near DR or as per business requirement of the Bank without any additional cost to the Bank. The scope covers end-to-end installation of whole setup and making it operational and also includes imparting training on the same to Bank officials by OEM/OEM Authorized Training Partner.	25. The bidder shall be responsible for supply, installation, re-installation and maintenance of API Banking solution along with its related other software tools at **Bank's DC, DR setup.** Bidder shall have to install/re-install & migrate the solution along with other environments like Development, UAT, etc. in case of shifting of **Bank's DC/DR** or as per business requirement of the Bank without any additional cost to the Bank. The scope covers end-to-end installation of whole setup and making it operational and also includes imparting training on the same to Bank officials by OEM/OEM Authorized Training Partner.
k.	Buyer Added Bid Specific Terms and Conditions 8. Buyer Added Bid Specific ATC	Annexure-2 Technical/Functional Requirement	**A. General features** 5. Integration platform should be implemented using SOA and must support ESB design patterns.	**A. General features** Integration platform should be implemented using **SOA/similar Technology** and must support ESB design patterns **and it should support Micro Services Architecture.**
l.	Buyer Added Bid Specific Terms and Conditions	13. Onsite Resources	13.10 Onsite Resource charges will be paid quarterly in arrears. In case the resources go on leave/absent,	13.10 Onsite Resource charges will be paid **monthly** in arrears. In case the resources go on leave/absent,

8. Buyer Added Bid Specific ATC		replacements having equivalent or more experience and qualification has to be arranged by the selected bidder to ensure that regular functioning of the solution is not hampered.	replacements having equivalent or more experience and qualification has to be arranged by the selected bidder to ensure that regular functioning of the solution is not hampered.

All the other instructions and terms & conditions of the above GeM bid shall remain unchanged.

Please take note of the above amendments while submitting your response to the subject GeM bid.

Date: 24/02/2023
Place: Bengaluru

Deputy General Manager

Amended Annexure-11

Bill of Material

(Should be submitted on Company's letter head with company seal and signature of the authorized person)

SUB: RFP for Supply, Installation, Implementation and Maintenance of API Banking Solution in Canara Bank for 5 years.

Ref: GEM/2023/B/3066561 dated 02/02/2023

Notes
1. These details should be on the letterhead of bidder and each & every page should be signed by an Authorized Signatory with Name and Seal of the Company.
2. Please be guided by RFP terms, subsequent amendments and replies to pre-bid queries (if any) while quoting.
3. Do not change the structure of the format nor add any extra items.
4. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.

Table -A Cost for Enterprise Licenses and One-time Implementation of the solution

[Amount in Indian Rupees]

Sl. No.	Item Details	Price details (Excl. of Taxes)	Tax for Column a		Total Cost for Five years (Incl. of Tax)
			% of Tax	Tax amt.	
		a	b	c	d=a+c
1.	Enterprise License cost for API Banking tool with 1 year of warranty period.**				
2.	License for production and Non-production for Active Directory services/Directory Services/Similar Secured identity managing Authentication services which can be Integrated with API tool with 1 year of warranty period for 1000 users with a concurrency support of 5% capacity. ***				
3.	Enterprise License (for Production & Non-production) of Kubernetes/ Message Queue Management/Similar Technology with 1 year of warranty period.***				
4.	Total cost for (Prod & Non Prod) Operating System/System Software, if any (refer Table-B Software Specifications (System and other related software) of Annexure-2(A)).				
5.	One-time Implementation cost for 500 APIs and migration of 100 APIs on API Banking Platform. (This involves Project Management, Requirement gathering, Design APIs, Develop APIs, Deploy APIs, System Software installation etc.)**				

6.	Training cost upto 120 hours						
	Total Cost (Sum of Column d from Sl. No. 1 to 6)						

Note: Please calculate database cost as '0' (zero) in case solution proposes ORACLE as Database

**Licenses required for Production with 700 TPS and Non-production with 20 TPS to be quoted.

*** Bank at its discretion may use the Licenses of mentioned services/software for other services/solution at the Bank.

Table-B - Charges for L1-Onsite Resources

[Amount in Indian Rupees]

Sl. No.	Description	Charges for one resource for 5 years [Excl. of Taxes]	No. of Resources	Total Charges for onsite resources [Excl. of Taxes]	Tax for Column c		Total Charges for resources [Incl. of Taxes]
					Tax %	Tax Value	
		a	b	c=a*b	d	e	f=c+e
1	Dedicated Onsite Resource charges* (L1 resources)		4				
	TOTAL						

* L1 resource should be available on shifts on all the bank working days (max 3 shifts per day). 1 resource mandatorily in General shift and others to be in shifts.

Table-C - Charges for L2 Onsite Resources

[Amount in Indian Rupees]

Sl. No.	Description	Charges for one resource Per Man day [Excl. of Taxes]					Man Days per year	No. of Resources	Total Charges for resources [Excl. of Taxes]	Tax for Column d		Total Charges for resources [Incl. of Taxes]
		1st	2nd	3rd	4th	5th				Tax %	Tax Value	
		a	b	c	d	e	f	g	h=(a+b+c+d+e)*f*g	i	j	k=h+j
1	Onsite Resource charges * (L2 resources)						300	2				
	TOTAL											

*L2 resource will be on T & M basis and works with Bank team as per the requirement from Bank. Payment will be made as per the actual consumption of man day and unconsumed mandays in a year will be carried over to the subsequent year whereas the charges will be paid as per the charges of the year from which the mandays has been rolled over.

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Table-D – Charges for OEM / SME Resources

[Amount in Indian Rupees]

Sl. No	Description	Charges for one resource Per Man day [Excl. of Taxes]		Man Days per year	No. of Resources	Total Charges for resources [Excl. of Taxes]	Tax for Column d		Total Charges for resources [Incl. of Taxes]
		1st Year	2nd Year				Tax %	Tax Value	
		a	b	c	d	e=(a+b)*c*d	f	g	h=e+g
1.	OEM Resources / Subject Matter Expert*			300	1				
	TOTAL								

*SME resource will be on T & M basis and works with Bank team as per the requirement from Bank. Payment will be made as per the actual consumption of man day and unconsumed mandays in a year will be carried over to the subsequent year whereas the charges will be paid as per the charges of the year from which the mandays has been rolled over.

Note: The quantity mentioned in **Table-C and Table-D** is indicative only. Bank at its discretion can avail resources based on the requirement. Bank can at its discretion decide the number of resources based on the need and requirement. These above mentioned resources as per **Table-C and Table-D** will not be part of initial implementation. Post 500 APIs implementation and during the production, services of these resources may be used.

Table – E ATS cost of API Banking solution

[Amount in Indian Rupees]

Sl. No.	Item Details	ATS charges from 2nd to 5th year after completion of 1year of warranty period (Excl. of Taxes)				Total Cost (Excl. of taxes)	Tax for Column e		Total ATS Cost for 2nd to 5th year (Incl. of Taxes)
		2nd year	3rd year	4th year	5th year		% of tax	tax amt	
		a	b	c	d	e = a+b+c+d	f	g	h=e+g
1.	Annual Technical Support (ATS) charges for items from Sl. No. 1-4 of Table-A after the completion of warranty period of one year.								
	TOTAL								

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Table - F

Total Cost for API Banking Solution for 5 years of Contract Period

[Amount in Indian Rupees]

Sl. No.	Details	Total Cost [Exclusive of taxes]	Total Cost [Inclusive of taxes]
1.	Total Cost for Enterprise Licenses and One-time Implementation of the solution as per Table-A (Total of Column d)		
2.	Charges for L1 - Onsite Resources as per Table-B		
3.	Charges for L2 - Onsite Resources as per Table-C		
4.	Charges for OEM / SME Resources as per Table-D		
5.	Total cost for ATS of API Banking solution as per Table-E		
6.	Total Cost of Ownership (Sum of sl no. 1 to 6 of Table-F)		

Undertaking

i. Bill of material is submitted on the letter head and is signed by an Authorized Signatory with Name and Seal of the Company.

ii. We confirm that we have gone through RFP clauses, subsequent amendments and replies to pre-bid queries (if any) and abide by the same.

iii. We have not changed the structure of the format nor added any extra items. We note that any such alternation will lead to rejection of Bid.

iv. We agree that no counter condition/assumption in response to commercial bid will be accepted by the Bank. Bank has a right to reject such bid.

v. We are agreeable to the payment schedule as per "Payment Terms" of the RFP.

vi. The bidder has to make sure all the arithmetical calculations are accurate. Bank will not be held responsible for any incorrect calculations.

Date:

Signature with seal
Name:
Designation: