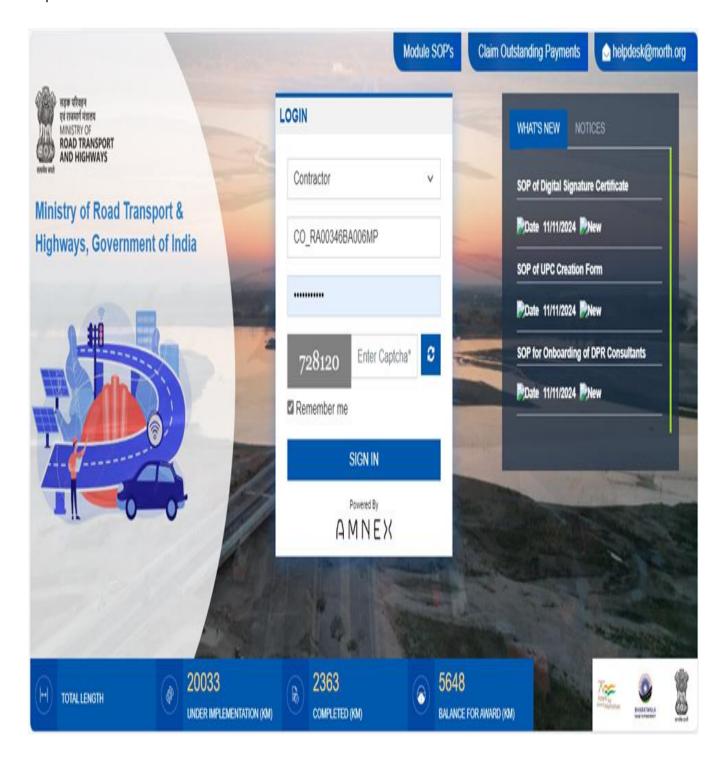
STANDARD OPERATING PROCEDURE

Contractor Payment Module

Ministry of Road Transport and Highway

Login Window of the MoRTH- DATA LAKE

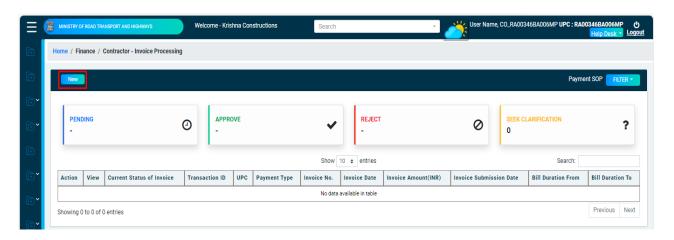
The below screen will appear to all the users where respective users can login into data lake by selecting their respective roles.



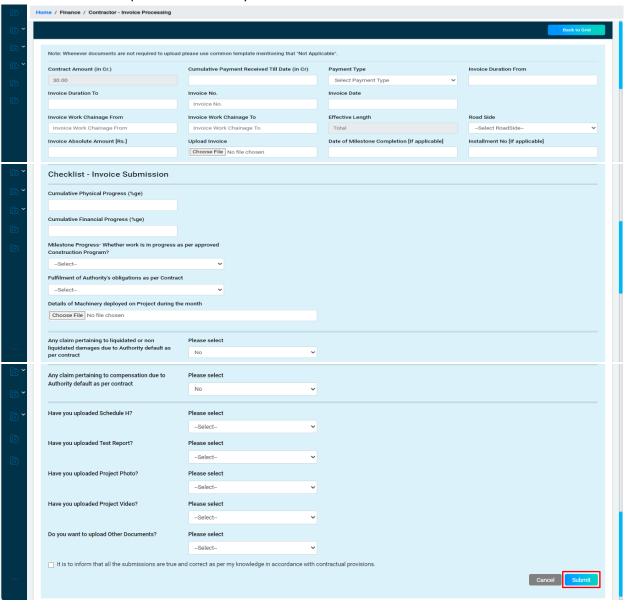
Contractor Login.

1.1. Submission of Invoice.

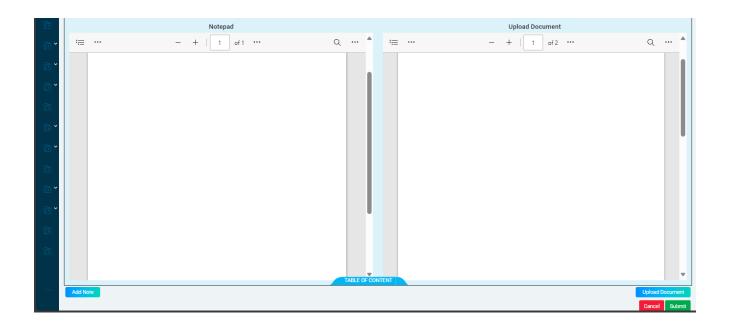
For invoice Submission contractor has to click on the "New" button.



• On click of the "New" button, the form will open Contractor to fill the form with the required information and upload all mandatory documents.

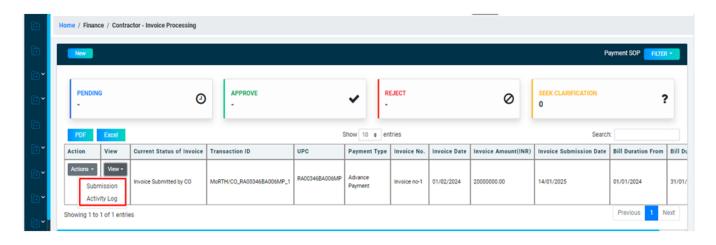


• After clicking on the submit button, the Dairy function will open where the contractor has to add a note using a digital signature and upload any other reference document (For Digital Signature Refer to Annexure 1).



1.2. View Submission & Activity Log

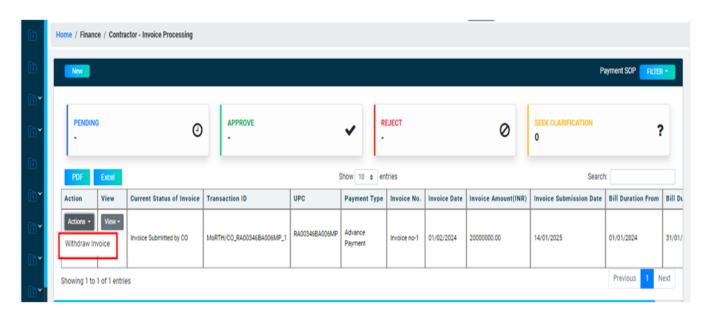
• After the Submission of the invoice, the invoice gets populated in the grid and the Contractor can view the submission & Activity log by clicking on the "View" button.



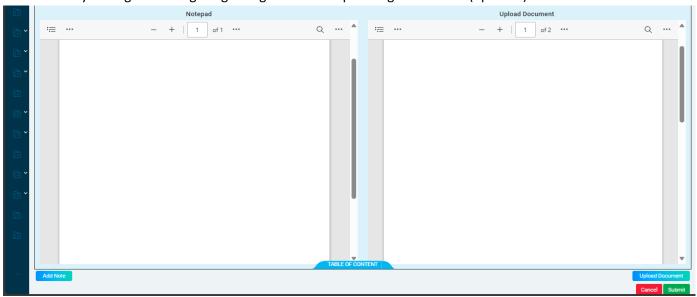
- By selecting "submission" user can check the filled form.
- By selecting "Activity Log" user can check the noting and activity log under the table of contents table.

1.3. Withdraw Invoice

Once the request is submitted by the contractor, they still have the option to withdraw the request till further action is taken by AE.

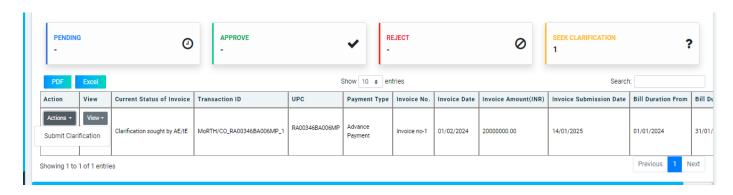


• On clicking "Withdraw Invoice" dairy function will open and the contractor can withdraw the invoice by adding note using a digital signature and uploading a document(optional).

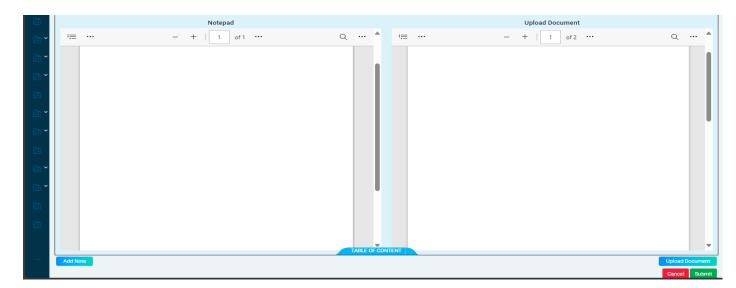


1.4 Submit clarification

• When AE/IE seeks clarification from Contractor on the submitted invoice, "Submit clarification" option appears in the Contractor login.



• On clicking "Submit Clarification" dairy function will open and contractor can submit clarification by add note using digital signature and upload document(optional).

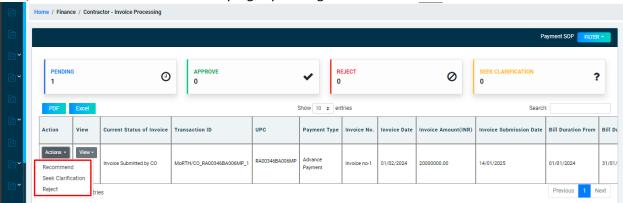


AE/IE Login

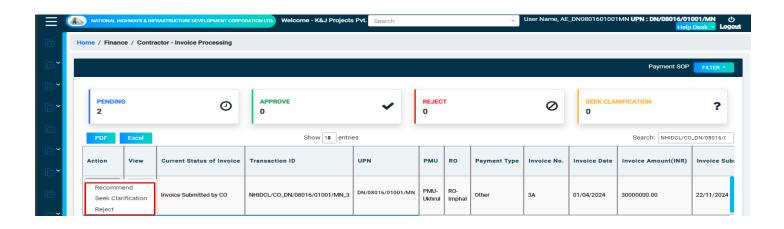
2.1 Contractor invoice processing BY AE/IE.

View the submitted invoice the by Contractor.

- After the submission of the invoice by the contractor the details are displayed in the AE/IE grid.



- Processing for submitted invoice by Contractor.
- AE/IE to process Contractor invoice by clicking on "Recommend".

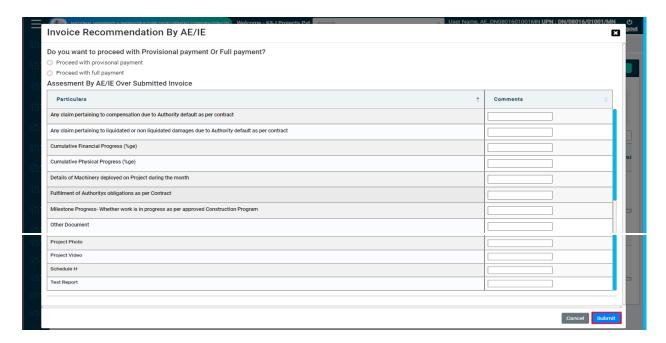


Condition for processing of INVOICE

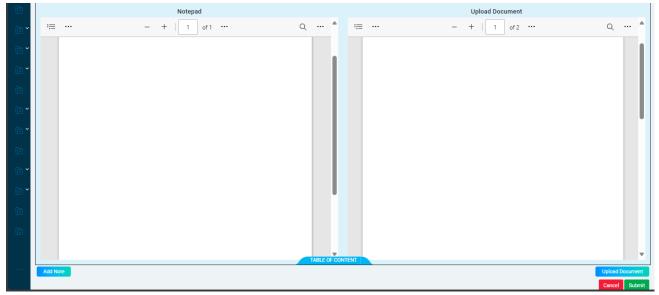
- If AE/IE can process the contractor invoice by selecting 'Provisional Payment' or 'Final Payment,
- If AE/IE select Provisional payment transaction Id gets split in two parts (i.e.) Provisional payment & Balance payment.

For provisional payment, Transaction ID gets appended with "_P". For balance payment, Transaction ID gets appended with "_B".

- If AE/IE processes contractor invoice by selecting "Full Payment" then Transaction ID gets append with "_F". and will be processed as a single invoice.
 - 2.1 On clicking the "Recommend" pop-up will open, AE/IE has to fill all details in pop-up and submit.



• On submission of pop up, digital calculation will open, AE/IE to fill calculation sheet and submit using digital signature.

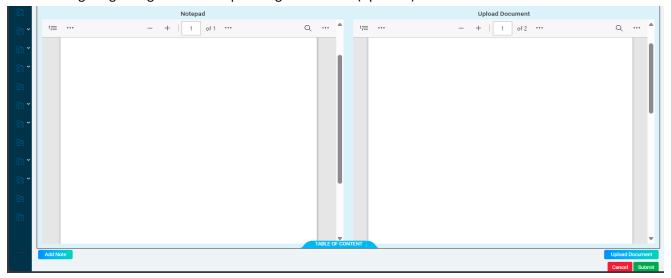


Calculation sheet where the user will update the details of an invoice for processing the same.

Authority I	Engineer/Independent Engineer	wed shoulder of Yaingangpokpi - Finch corner road	K&J Projects Pvt.		or some or a demage (1)		
Contracto			Raj Constructions Pvt				
Contract F			30				
	osolute Amount [Rs.]		30000000.00000000				
Date	ID		01/04/2024	01001 1 H I O D			
Transactio	I DI NO		NHIDCL/CO_DN/08016/	/01001/MN_3_P			
		SUMMARY OF		WORK DONE VALUE(IN INR			
Sr. No.	DESCRIPTION		THIS RA BILL(AE/IE)	THIS RA BILL(PMU)	THIS RA BILL(RO)	Remarks/ Applicable Clause o	
(A)	DEMANDS						
1 VALUE OF WORK DONE							
	a) Value of Works executed/Bill of Quantities						
	b) Escalation / Price Adjustment upto end of this month						
	c) Claim due to change in Law						
	d) Variations/Change of Scope payment						
	e) Price Adjustment of Change of Scope						
	f) Damages claim on Authority						
	g) Other Payments						
	Gross Value (1a+1b+1c+1d+1e+1f+1g)						
2	GST						
	a) CGST @ (on TOTAL)(%)						
	b) SGST @ (on TOTAL)(%)						
	c) IGST @ (on TOTAL)(%)						
2	Total GST (2a+2b+2c)						
	Advances/Other Payment						
	a) Mobilisation Advance						
	b) Machinery Advance						
	c) Other Advance Paid						
	d) GST on Advance						
	Total Advances/Other Payment						
	Gross Value including advance payment (1+2+3)						
B)	RECOVERIES/DEDUCTION						
-/	a) Recovery of Mobilisation Advance						
	b) Recovery of Intrest on Mob. Advance						
	c) Recovery of Machinery Advance						
	d) Damage Claims on Contractor/Concessionaire						
	e) 50% IE Cost						
	f) Intrest in delay in payment of 50% of IE Cost						
	g) Interest of working capital Advance						
	h) Recovery of work done at Risk & Cost						
	i) Retention money						
	j) TDS						
	k) GST TDS-CGST						
	I) GST TDS-SGST						
	m) GST TDS-IGST						
	<u>'</u>						
	n) Labour Cess						
	o) Amount withheld by Authority Engineer/PD						
	p) GST Amount withheld due to non-submission of proof for depositation	n of GST duly certified by CA =(S.No.5)					
	q) GST Amount adjusted against already paid with Mob./Other Advances	s					
	r) Other Deduction/Recoveries						
	Total Recoveries [Sum of B]						
(C)	Amount Payable to Contractor (A-B)						
(D)	Withheld Amount released by Authority Engineer/PD						
]				
(E)	Royalty Reimbursement		1				
(F)	GST Amount released after submission of proof for depositation of GST	duly certified by CA					
(G)	Others						
F)	GST Amount released after submission of proof for depositation of GST	duly certified by CA					
G)	Others						
	Total Amount Payable to Contractor (C+D+E+F+G)						
	Provisional Payment (75 to 90 %) of Above						

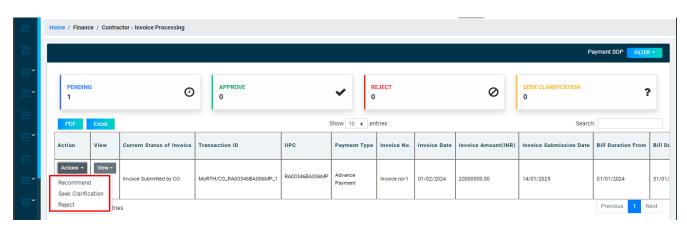
- AE/IE can recommend **75% to 90% of the Net Payable amount** If he has proceeded with **"Provisional Payment"**.
- AE/IE can recommend the balance amount by proceeding with "Balance Payment".
- AE/IE can recommend up to 100% if he has proceeded with "Full Payment".

 On submission of the calculation sheet, the dairy function will open and AE/IE has to submit by adding note using a digital signature and uploading a document(optional).

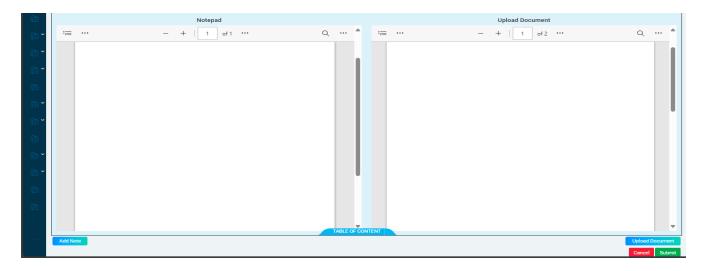


2.2 Seek Clarification from the Contractor.

AE/IE can seek clarification from the Contractor by clicking on "Seek Clarification".

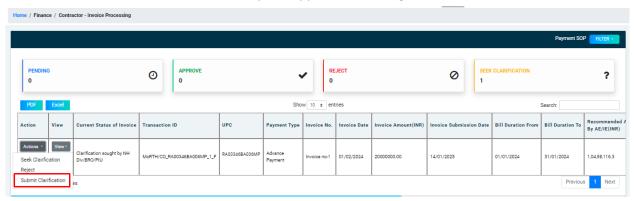


• On clicking "Seek Clarification" dairy function will open and AE/IE can seek clarification by adding a note using a digital signature and uploading a document(optional).

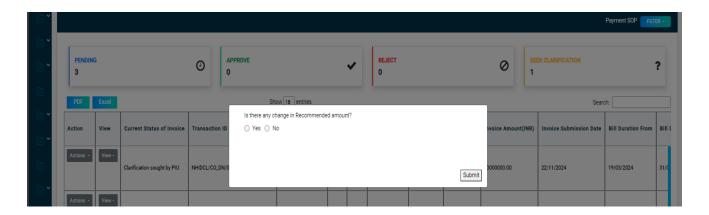


2.3 Submit clarification to PIU.

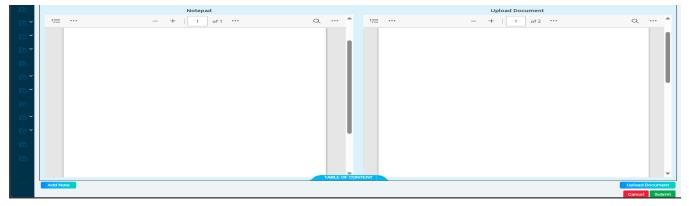
• When PIU/NH-DIVISION/BRO seeks clarification from AE/IE over the recommended Contractor invoice, the "Submit clarification" option appear in AE/IE login.



• On clicking the "Submit Clarification" pop-up will open, AE/IE can change his recommended amount if there is any change in calculation sheet.

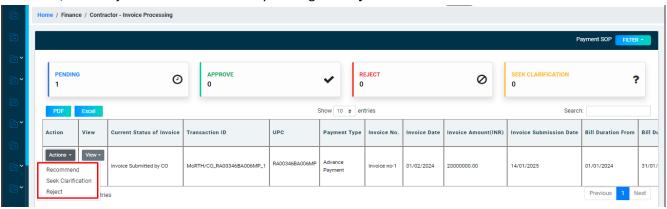


• On clicking "Submit Clarification" dairy function will open and AE/IE has to submit clarification by adding a note using a digital signature and uploading a document(optional).

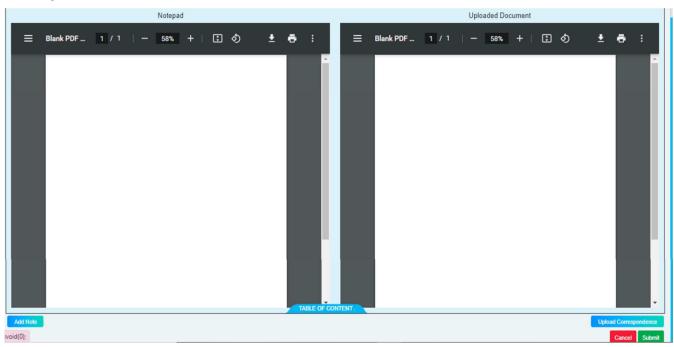


2.4 Rejection of contractor invoice.

• AE/IE can reject Contractor invoice by clicking on "Reject" button.



• On clicking "Reject" dairy function will open and AE/IE can reject by adding note using digital signature and

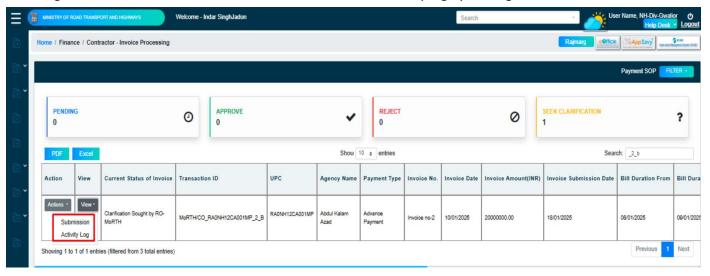


PIU/NH-Div/BRO Login

a. Contractor invoice processing

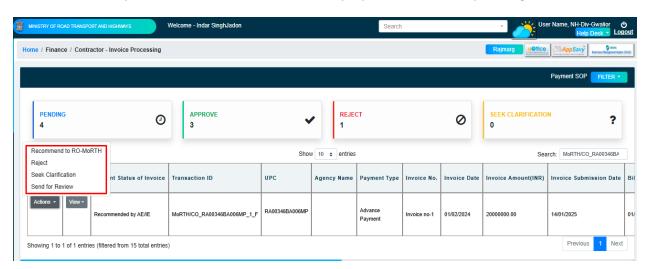
View the submitted invoice by the Contractor

After the recommendation of contractor invoice by AE/IE, details get displayed in the PIU/NH-DIV/BRO grid and PIU/NH-DIV/BRO can view the submission and activity log by clicking on the "View" button.



3.1 Recommendation for payment from PIU/NH-DIV/BRO to RO-MoRTH Unit.

PIU/NH-DIV/BRO can process and send contractor invoice proposals to RO unit by clicking on "Recommend to RO".

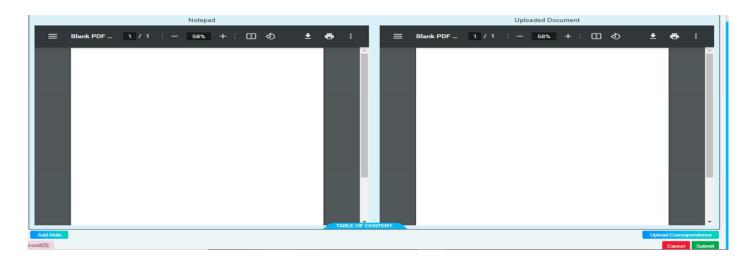


On clicking **"Recommend to RO"** calculation sheet will open, where PIU/NH-DIV/BRO can correct any value filled by AE/IE. After filling all details in the calculation sheet PIU/NH-DIV/BRO can submit using a digital signature

Strengthening work in km. 1, 2, 5 to 10, 13,14,18,20,26 to 33, 77 to 85, 96 to 98, 162 to 195 of Dinara- Pichhor Road on NH-346						
Authority Engineer/Independent Engineer	Theme Engineering Services Pvt. Ltd					
Contractor	Krishna Constructions					
Contract Price	6					
Invoice Absolute Amount [Rs.]	20000000.00000000					
Date	01/02/2024					
Transaction ID	MoRTH/CO_RA00346BA006MP_1_F					

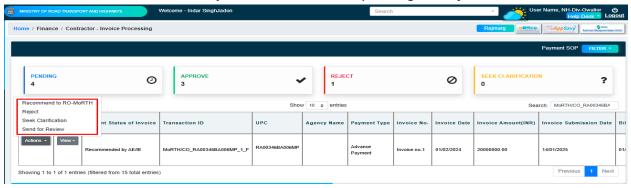
		SUN	IMARY OF INVOICE					
			WORK DONE VALUE(IN INR)					
Sr. No.	DEMANDS DE	SCRIPTION	THIS RA BILL(AE/IE)	THIS RA BILL(NH Div/BRO/PIU)	THIS RA BILL(RO-MoRTH)	Remarks/ Applicable Clause of CA		
,	VALUE OF WORK DONE							
	a) Value of Works executed/Bill of Quantities		15000055	15000055				
	b) Escalation / Price Adjustment upto end of this mor	nth	345	345				
	c) Claim due to change in Law		32	32				
	d) Variations/Change of Scope payment		44	44				
	e) Price Adjustment of Change of Scope		345	345				
	f) Damages claim on Authority		34	34				
	g) Other Payments		55	55				
	pross Value (1a+1b+1c+1d+1e+1f+1g)		15000910	15000910				
	GST							
	a) CGST @ (on TOTAL)(%)		55	55				
	b) SGST @ (on TOTAL)(%)		33	33				
	c) IGST @ (on TOTAL)(%)		55	55				
	Total GST (2a+2b+2c)		143	143				
	Advances/Other Payment		C4	04				
	a) Mobilisation Advance		64	64				
	b) Machinery Advance		3	3				
	c) Other Advance Paid		44	44				
	d) GST on Advance		55	55				
	Total Advances/Other Payment		166	166				
	Gross Value including advance payment (1+2+3)		15001219	15001219				
3)	RECOVERIES DEDUCTION							
	a) Recovery of Mobilisation Advance		454	454				
	b) Recovery of Intrest on Mob. Advance		43	43				
	c) Recovery of Machinery Advance		3	3				
	d) Damage Claims on Contractor/Concessionaire		75	75				
) 50% IE Cost		657 886	657				
	f) Intrest in delay in payment of 50% of IE Cost	ntrest in delay in payment of 50% of IE Cost		886				
	g) Interest of working capital Advance		56	56				
	h) Recovery of work done at Risk & Cost		75	75				
	i) Retention money		45	45				
	j) TDS		343	343				
	k) GST TDS-CGST		456	456				
) GST TDS-SGST		767	767				
	m) GST TDS-IGST		87	87				
	n) Labour Cess		43	43				
	o) Amount withheld by Authority Engineer/PD		765	765				
	p) GST Amount withheld due to non-submission of p	roof for depositation of GST duly certified by CA =(S.No.5)	65	65				
	q) GST Amount adjusted against already paid with N	lob./Other Advances	65	65				
	r) Other Deduction/Recoveries		56	56				
	Total Recoveries [Sum of B]		4941	4941				
;)	Amount Payable to Contractor (A-B)		14996278	14996278				
1)	Withheld Amount released by Authority Engineer/PD		865	865				
:)	Royalty Reimbursement		65	65				
· ')	GST Amount released after submission of proof for depositation of GST duly certified by CA		56	56				
3)	Others		45	45				
	Total Amount Payable to Contractor (C+D+E+F+G)		14997309	14997309				
	Full Payment	75	11247981.75	11247981.75				

On submission of calculation sheet, dairy function will open and PIU/NH-DIV/BRO can submit by add note using digital signature and upload document(optional).

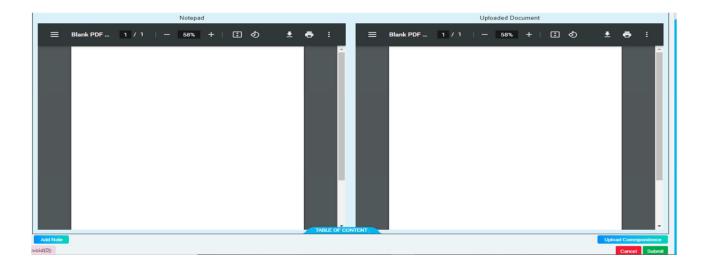


3.2 Rejection of Contractor Invoice

PIU/NH-DIV/BRO can reject contractor invoice by clicking on "Reject".

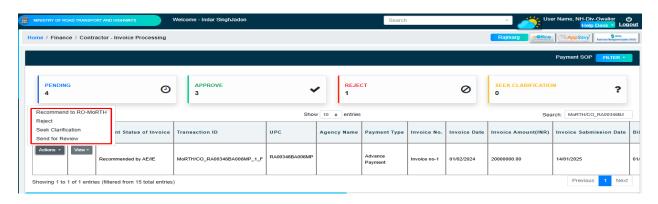


On clicking "Reject" dairy function will open and PIU/NH-DIV/BRO can reject by add a note using a digital signature and uploading the document(optional).

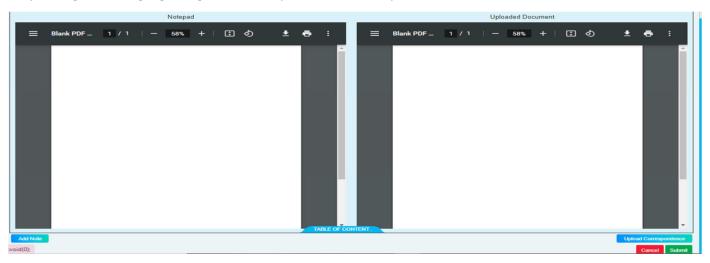


3.2 Seek clarification from AE/IE

PIU/NH-DIV/BRO can seek clarification from AE/IE by clicking on "Seek Clarification"

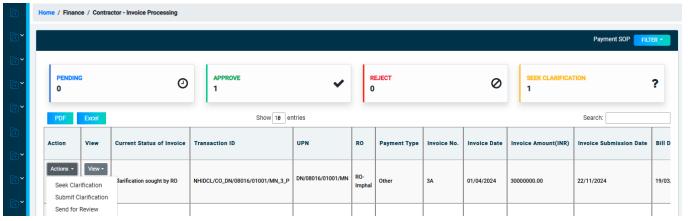


On clicking "Seek Clarification" dairy function will open and PIU/NH-DIV/BRO can seek clarification from AE/IE by adding note using digital signature and upload document(optional).



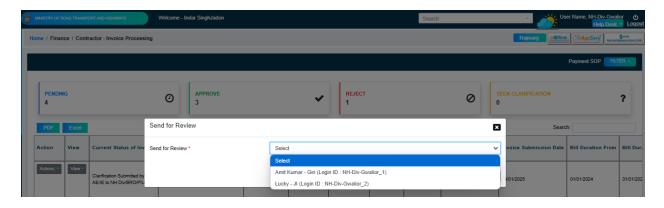
3.3 Submit clarification to RO unit

When RO unit seeks clarification from PIU/NH-DIV/BRO over recommended contractor invoice, "Submit clarification" option appear in PIU/NH-DIV/BRO login.

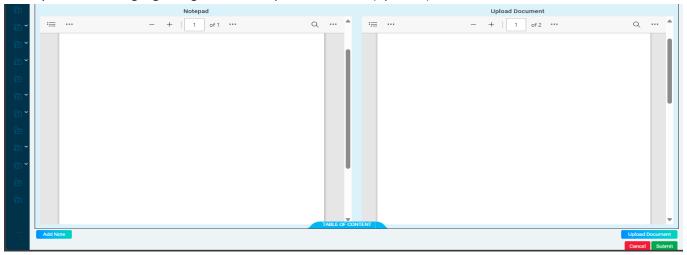


3.4 Send for Review from Second Level

PIU/NH-DIV/BRO can Send for Review from second level user by clicking on "Send for Review"

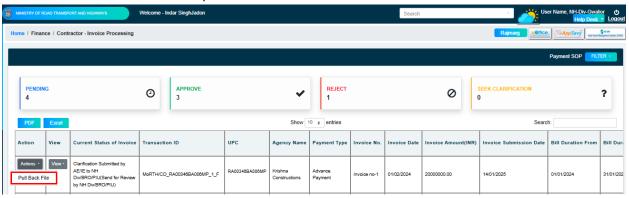


On clicking "Send for Review" dairy function will open and PIU/NH-DIV/BRO can send for Review from second level user by add note using digital signature and upload document(optional).

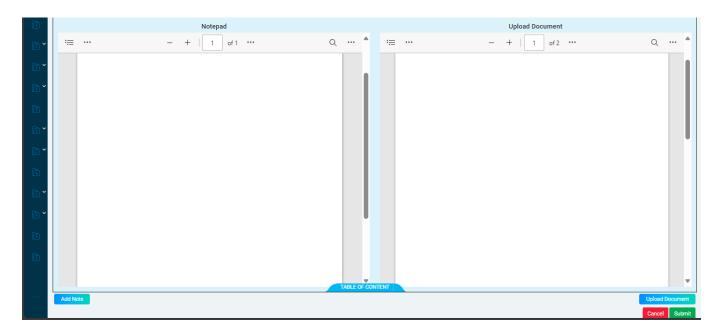


3.5 Pull back from second-level user

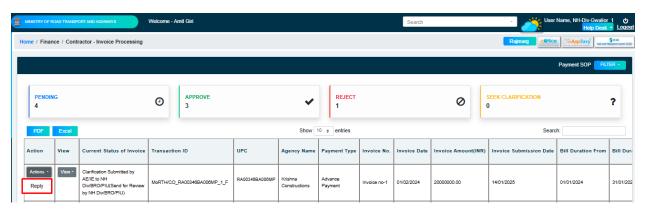
If the PIU has send file for review to its second-level user where PIU has the functionality to pull back file if the user has not taken the respective action.



On clicking "Pull Back" dairy function will open and PIU/NH-DIV/BRO can send for Review from the second level user by add note using digital signature and upload document(optional).



If The second level wants to respond on file -Where user has the option on the action button as "**Reply**". On selecting the reply option user can comment on the noting function.

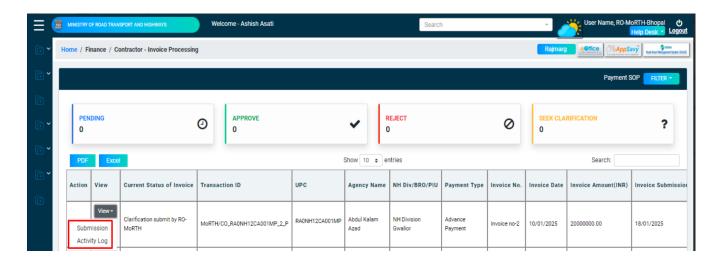


RO- MORTH LOGIN

4.1 Contractor Invoice Processing By RO Unit

View Submitted invoice

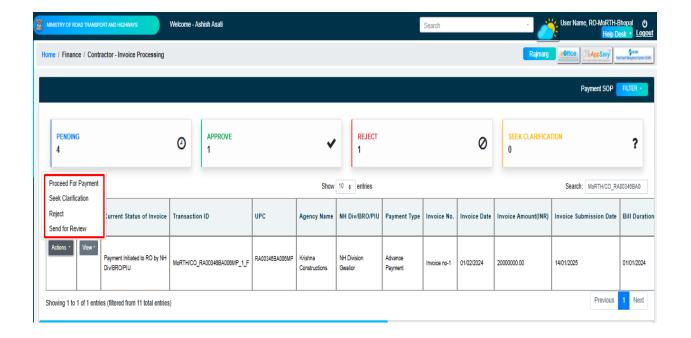
• After submission of an invoice to the RO unit for processing, details are displayed in the RO unit grid and the RO Unit can view the submission & activity log by clicking on the "View" button.



Send for PIU/NH-DIV/BRO approval

Case 1: Proceed for Payment

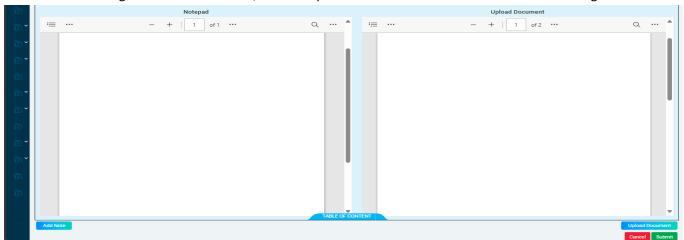
RO-MoRTH can process and send contractor invoice proposals to the RPAO unit by clicking on "Proceed For Payment"



After clicking on the "Submit RA Bill" option Calculation sheet will open.

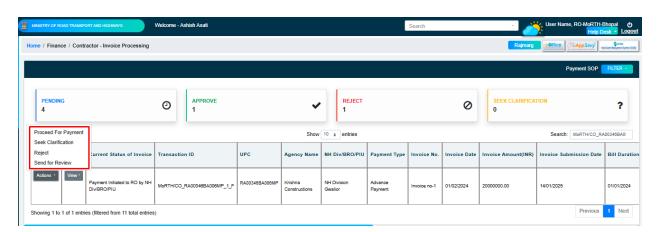
	Engineer/Independent Engineer			neering Services Pvt. Ltd		
Contracto			Krishna Cor	structions		
Contract F	osolute Amount [Rs.]		20000000.0	0000000		
ate	, and a second		01/02/2024			
ransactio	on ID		MoRTH/CO	_RA00346BA006MP_1_F		
		SUM	IMARY OF INVOICE	WORK DONE VALUE(IN INR)		
Sr. No.	DES	SCRIPTION	THIS RA BILL(AE/IE)	THIS RA BILL(NH Div/BRO/PIU)		Remarks/ Applicable Clause of CA
A)	DEMANDS					
	VALUE OF WORK DONE			l	T	
	a) Value of Works executed/Bill of Quantities		15000055	15000055	15000055	
	b) Escalation / Price Adjustment upto end of this mon	345	345	345		
	d) VariationslChange of Scope payment e) Price Adjustment of Change of Scope f) Damages claim on Authority g) Other Payments		32	32	32	
			44	44	44	
			345	345	345	
			34	34	34	
			55	55	55	
			15000910	15000910	15000910	
	GST					
	a) CGST @ (on TOTAL)(%)		55	55	55	
	b) SGST @ (on TOTAL)(%)		33	33	33	
	c) IGST @ (on TOTAL)(%)		55	55	55	
2	Total GST (2a+2b+2c)		143	143	143	
3	Advances/Other Payment					
	a) Mobilisation Advance		64	64	64	
	b) Machinery Advance		3	3	3	
	c) Other Advance Paid		44	44	44	
	d) GST on Advance		55	55	55	
3	Total Advances/Other Payment		166	166	166	
-	Gross Value including advance payment (1+2+3)		15001219	15001219	15001219	
B)	RECOVERIES/DEDUCTION					
	a) Recovery of Mobilisation Advance		454	454	454	
	b) Recovery of Intrest on Mob. Advance		43	43	43	
	c) Recovery of Machinery Advance		3	3	3	
	d) Damage Claims on Contractor/Concessionaire		75	75	75	
	e) 50% IE Cost		657	657	657	
	<u> </u>					
	f) Intrest in delay in payment of 50% of IE Cost		886	886	886	
	g) Interest of working capital Advance		56	56	56	
	h) Recovery of work done at Risk & Cost		75	75	75	
	i) Retention money		45	45	45	
	j) TDS		343	343	343	
	k) GST TDS-CGST		456	456	456	
	I) GST TDS-SGST		767	767	767	
	m) GST TDS-IGST		87	87	87	
	n) Labour Cess		43	43	43	
	o) Amount withheld by Authority Engineer/PD		765	765	765	
	p) GST Amount withheld due to non-submission of pr	roof for depositation of GST duly certified by CA =(S.No.5)	65	65	65	
	q) GST Amount adjusted against already paid with M	lob./Other Advances	65	65	65	
	r) Other Deduction/Recoveries		56	56	56	
	Total Recoveries [Sum of B]		4941	4941	4941	
C)	Amount Payable to Contractor (A-B)		14996278	14996278	14996278	
(D)	Withheld Amount released by Authority Engineer/PD		865	865	865	
E)	Royalty Reimbursement		65	65	65	
F)	GST Amount released after submission of proof for d	lepositation of GST duly certified by CA	56	56	56	
(G)	Others		45	45	45	
	Total Amount Payable to Contractor (C+D+E+F+G)		14997309	14997309	14997309	

• After submitting the calculation sheet, DSC is required on Calculation sheet as well as on Noting Function.

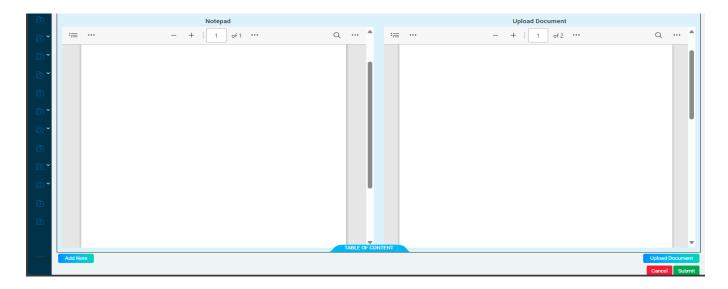


4.2 Seek clarification from PIU/NH-DIV/BRO

RO unit can seek clarification from PIU/NH-DIV/BRO by clicking on "Seek Clarification" option

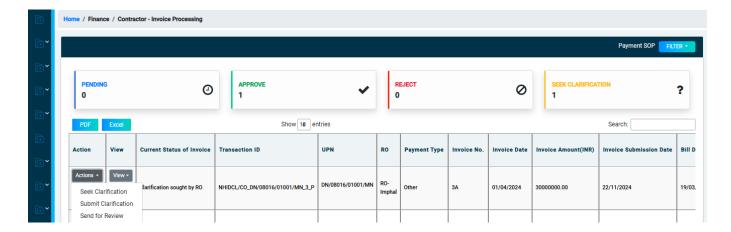


On clicking "Submit" button dairy function will open and RO can process by add note using digital signature and upload document(optional).



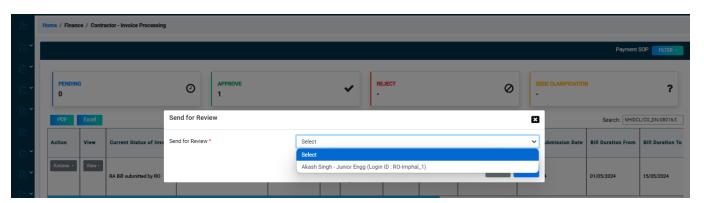
4.3 Submit Clarification by RO-MoRTH

Where RPAO sought the clarification RO- Morth have option to Submit clarification. The noting function will appear where noting can updated and submit.

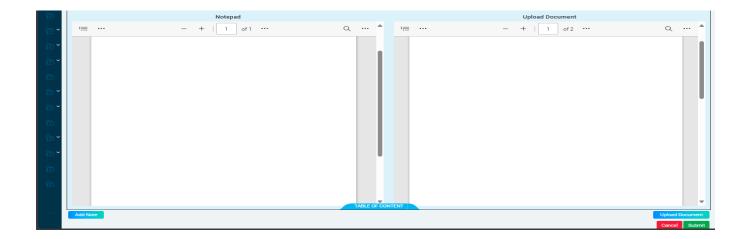


4.4 Send for Review from Second Level

RO can Send for Review from a second-level user by clicking on "Send for Review"



On clicking "Send for Review" dairy function will open and RO can send for Review from second level user by add note using digital signature and upload document(optional).

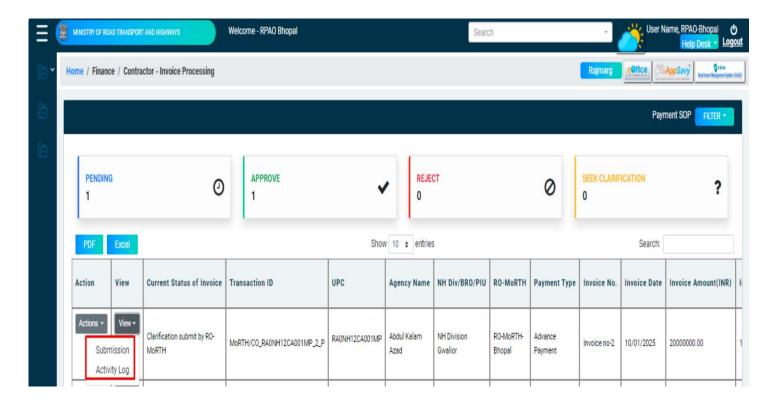


RPAO Login

4.1 Contractor Invoice Processing By RPAO Unit

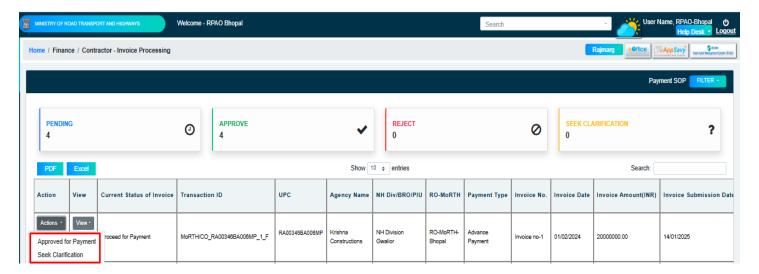
View Submitted invoice

• After submission of an invoice to the RPAO unit for processing, details are displayed in the RPAO unit grid and the RPAO Unit can view the submission & activity log by clicking on the "View" button.

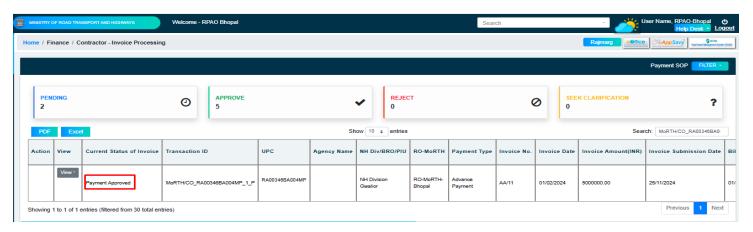


Approve Payment BY RPAO

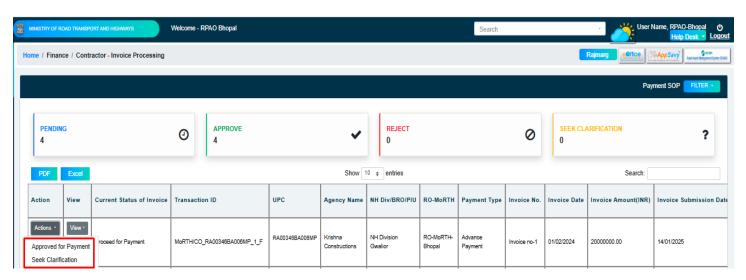
RPAO can process and send contractor invoice proposals to proceed the payment by clicking on "Approved for Payment"



After the approval, the status will change as payment approved as shown in the below screenshot.



RPAO unit can seek clarification from RO-MoRTH by clicking on "Seek Clarification" option



After the clarification sought by the RPAO status will change as shown in below screenshot.

