CONTRACT MANAGEMENT

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CHAPTER 1: CONTRACTING

<u>#</u>

A. Introduction:

"Labour", one of the major parameter of succession of Construction Industry. Labours categorized as a) Skilled Labour, b) Un-skilled Labour. Succession of Construction Project depends on time availability of labours.

A.1 Types of Contracting:

- a) Departmental Labour contract / Daily Basis Contract
- b) Labour Contract.
- c) With material Contract
- d) Lum-Sum Contract
- a) Departmental Labour contract:

In this case Owner appoints the labours directly on daily basis and their Payment made weekly/monthly basis. Normally such type of contracting used for less quantum work / maintenance work in private sector.

Payment of labour = Attendance (Days) x Wages (Rs/Day).

In this case, Payment made irrespective of Quantity of work completed by labour, but it based on number of attendance of that labour.

b) Labour Contract:

This type of contract mostly used in private sector. In this case, work allotted to contractor and owner provides material for task & Contractor provides labours for it.

Payment to Contractor = Quantity of Task is completed by contractor \mathbf{x} Pre decided Unit rate for that task.

In this case, Payment made irrespective of number of labours required for completion of task but it based on Quantum of Task completed by labour.

c) With Material Contract:

In this type contractor uses his material as well as the labor to execute the work. In this type of the contract, client's role is only to monitor material quality, work schedule, work quality and make regular payment.

Advantage of 'Contract with material' is to reduce material wastages. In case of 'Labour Contract' wastage percentage is very high due to negligence of labour, which leads to unnecessary high construction cost.

Payment to Contractor = Quantity of Task completed by contractor \mathbf{x} Pre decided Unit rate (Material + Labour) for that task.

[#] IDH_INTRODUCTION

d) Lum-Sum Contract:

In this case Payment made not on daily basis/quantum of work, but on the basis of completion of task. This is useful for those tasks which unable to measure in any Engineering Units [i.e. cleaning work, Shifting etc].

A.2 Labour Bill:

a) R A Bill (Running Account Bill)b) Full & Final Bill.

c) Advance Bill.

d) Departmental Labour Bill.

a) **R A Bill:**

This is Intermediate bill made on partial completion work periodically. This period is normally of 1 week or 1 month.

R A Bill Amount = Quantity of Task completed by contractor during predefined time period \mathbf{x} Pre decided Unit rate for that task.

b) Full & Final Bill:

In this case, there is no any intermediate bill. Bill paid to the contractor only after total completion of task. This is useful for those tasks that have lesser quantity and completion period.

R A Bill Amount = Quantity of Task completed by contractor \mathbf{x} Pre decided Unit rate for that task.

c) Advance Bill:

This is advance given to Contractor due to any reason like, Festival advance, Labour Advance etc. This advance later on debited from his final bill.

d) Departmental Labour Bill:

This is muster role payment of departmental labours, directly made by company.

Departmental Labour Bill = \sum (No. of labour per day of category **x** per day salary of labour for that category).

B. Pre-requisites

Before to start the Contract module, we need to follow some guidelines:

- a. Defined project in H2K Engineering with WBS structure.
- b. Approval from 'Estimation and Purchase Department'.
- c. List of all Contractors along with their Office/Residence Address, Phone & Fax Nos.
- d. Person, who handles Contract module, must have knowledge about estimation; working style, taxation, and procedure of allot work completion.

C. Workflow Diagrams:



_

D. External Module Dependency:

Related	Related	Effected window in	Explanation
Module	Function	Contract Module	
Engineering	WBS	Raise work order	Can not raise work order till WBS is not
			completed.
	Labour	Labour Rate Master	It is necessary to add labour in 'Labour
	Library		Library Master' to enter rate in 'Rate
			Master'.
	Task status	Work completion	If the status of task is 'Tentative' then
			you can not give the work completion.
			Task status must be 'Started' for giving
			work completion.
Site	Work	Generate R A Bill	Before generating R A Bill it is
	completion		necessary to give work completion from
	-		'Site Module'.
	Material	Material Debit Note	Before generating material debit note it
	Debits		is necessary to make issue debit able
			material against respective Tasks
Account	Account	Account Links	Before to link Account of any
	Groups		transporter[contractor], it's Credit / Debit
	/Definition		/ Retention / Service Tax / VAT must be
			defined in 'Account Groups/ Definition'
			window.

CHAPTER 2: DATA ENTRIES IN CONTRACTING

#

A. Contractor List

This window provides you enter all contractor details. This is maintaining database of Contractor list.

Highrise Contrac	ting 🗸			Hello, kanix 🗸 KANI
Contractor Work Order RA Bi	ills Reports Tools			
ontractor				
Contractor List			Saarch	Add Contractor Add Group
			Courtin	
		Show	/Rows: 40 🔻 Page: 1 of 6	Go 1 2 3 >>
Contractor Name	Group	Phone No	Mobile No	Action
<<>>	<<>>			View Details
01 TEST Cycle Contractor Web				View Details
AA contractor	RCC Contractors			View Details
AA Contractors			9823077520	View Details
ABHIJIT CONSTRUCTION		25536 009		View Details
ACCUSONIC CONTROLS PVT.LTD.				View Details
Adhesh Contractors & Construction	MRIPL Contractors			View Details
ADVANTAGE CONSTRUCTIONS				View Details
AJAY YADAV - PRW				View Details
AKHIL HARDWARE STORE		24461968		View Details
AKRAM KHAN - PRW			09822093653	View Details
AL-GLASS FIX				View Details
ALLCOATS				View Details
ALUMANN		91 20 26446974	9823070045	View Details
AMAN ENTERPRISES		24440587	24436060	View Details
AMBICA ENGINEERS				View Details
AMOL ENTERPRISES			9822000547	View Details
ANAND CONSTRUCTION COMPANY	(9823295115	View Details
ANANDAN K.R. (PRW)		22951283	09823295115	View Details
ANIKET ENTERPRISES			9890528189	View Details
ANUP CONSTRUCTION		020 26350761	9823334481	View Details
ANUP CONSTRUCTIONS		91 20 26350761		View Details
ARIHANT ALLUMINIUM		020 26058900		View Details
ARMAN ENTERPRISES			9371008384	View Details
ASHOK ENTERPRISES				View Details
A CHOK CHALL (D/D)				View Details

Path – H2K Contracting/ Contractor/ Contractor To create Contractor list:

Step 1 Click Add Contractor.

[#] IDH_CONTLIST

Highrise co	ntracting 🗸		Hello, RaviVeAdmin	V KANIX Indetech Pvt. Like	
Contractor Work Order	RA Bills Reports Tools				
Contractor					
Contractor Master					
Add Contractor					
Contractor Group Name	Select 💌				
Contractor Name*	ATHARVE ENTERPRISES	Contractor No.	308		
Owner/Contact Person	MR SANGRAM VEDE PATIL	Phone No.	9823287172		
Aditional Contact Person		Phone No			
Address Office		Address Residential/Factory	BAVDHAN KHURD		
Phone Office		Phone Residential			
Mobile		Email			
Fax No		Website	308		
-					
Other Details					
Registration Date	01/01/1901	Grading			
Credit Capacity	0				
Statutory Details					
C.S.T. No		WCT//AT No			

To create Contractor list:

- Step 1 Select Contractor group. Click add contractor. Contractor can be directly created below all contractors.
- Step 2 Select New Contractor and add following details.
- Step 3 Name: Name of the contractor's firm have to enter in the 'Capital form' so as to identify easily.
- Step 4 **Owner:** Enter name of the Proprietor. As far as possible enter full name of the Proprietor. In case, more than one contractor in the single firm mentions only one name.
- Step 5 **Office address:** Enter full address of contractor's firm. It will print in the work order report along with the name of the firm.
- Step 6 **Residence address:** Enter residential address of contractor. This is just for the detail information.
- Step 7 C.S.T./S.T./Vat (WCT)/PAN Number: Enter Central Sales Tax Number, service tax number, WCT or Vat number or PAN of Contractor. *This entry is not mandatory*.
- Step 8 Shop act Number: Enter shop act number and shop act expiry date of Contractor. *This entry is not mandatory*.
- Step 9 **Category:** Check on service categories provided by contractor. *This entry is not mandatory.*

B. Contractor Rate Master:

This is labour rate library. Rates from such library will used while raising 'Work Order'. Highrise gives you a facility to group rates as per project/location wise because rates of labour available at different locations are not same. Here you can group the labour rates based on user's requirement.

This is very handy tool which utilizes very effectively e.g. consider a case you have three sites going on simultaneously at Pune-Kothrud, Satara and Pune-Warje, if you wish to enter the rates for contractors working on those sites, create new rate list by clicking on 'New' button and add three rate lists as "PUNE –KOTHRUD","SATARA PROJ","PUNE-WARJE".

As rates of contractor will differ by location wise. Enter respective rates by selecting appropriate rate list. In case of no difference in rates, enter rate from common rate list like "PUNE-PROJECT" etc.

ntractor Work Order	RA Bills Reports	Tools		
our Rate Master Raise Wo	k Order Work Order B	rowse		
bour Rate Master				
3 Filter				
Library	SAMPLE LIBRARY	•	Rate List	BBM
Labour Category			Labour	Labour for brickwork
Contractor	Select	Q		Show All
	Latros			
			Search Reset	
B Search Result : For BBM				
Add New Rates : For BBM				
Labour Category	BrickWork	۲	Labour	BBM 1st floor
Est. Unit	Sq.Ft		Conv.Fact	1
Com. Unit	Sq.Ft		Contractor	
Credit Days	30		User	kanix
	28/06/2016		Remark	
Entry Date			Material Rate	
Entry Date	15			
Entry Date Rate [*]	15			

Path – H2K Contracting/Work Order/Labour Rate Master

To create Rate Master-

- Step 1 Select Library [Name of Labour library, in most cases it single one].
- Step 2 Select 'Rate List'
- Step 3 Labour Category / Labour and Contractor
- Step 4 Click on 'ADD New Rate' to create new Rate

[#] IDH_CONTRATEMAST

- Step 5 Select the particular Labour & fill the further necessary field i.e. Conversion factor, Commercial unit, Contractor, Credit in days. After filling, all above detail Net rate will automatically display.
- Step 6 Click on 'Save' Button to save this rate.

C. Payment Schedule Templates:

Payment Schedule mentions the activities, percentage (%) of the Rate and the amount to release against the completion/commencement of the activity. Payment Schedule used to generate R.A. bills of the contractors.

After completion of particular work, respective amount paid to the contractor.

In most of the cases it's not possible to pay bill to the contractor just after completion of task. Due to any reason like less holding capacity of contractor, high completion period of indusial tasks etc. Therefore payment made on the basis of percentage completion of that indusial task. In such condition, the task breaks in to measurable stages & its payment made on completion of this pre-defined stages.

Highrise Contracting V	Hello, kanix 🗸 🕅
Contractor Work Order RA Bills Reports Tools	
dvance And Debit Work Completion debit browse Payment Schedule Tem	Iplate Labour Control Tax Schemes
Payment Schedule Template	Add Payment Schedule Template
	Show Rows: 40 V Page: 1 of 3 Go 1 2 3
Template Name	Action
	Edit Delete
AAA	Edit Delete
Abc	Edit Delete
As per work Completion	Edit Delete
BBM WORK	Edit Delete
ELECTIRCAL MATERIAL	Edit Delete
ELECTRICAL	Edit Delete
EXCAVATION	Edit Delete
EXCAVATION	Edit Delete
EXCAVATION FOR GAS BANK	Edit Delete
EXCAVATION FOR ROAD	Edit Delete
EXCAVATION IN HARD ROCK	Edit Delete
EXCAVATION IN SOFT MURUM	Edit Delete
EXCAVTION IN BLACK COTTON SOIL	Edit Delete
EXTERNAL PLASTER	Edit Delete
INTERNAL PLASTER	Edit Delete
MOBILE TOILET	Edit Delete
PAINTING	Edit Delete
PLUMBING	Edit Delete
PLUMBING WORK	Edit Delete
RCC	Edit Delete
RCC 50% COMPLETION	Edit Delete
RCC WORK	Edit Delete
RCC_workwise	Edit Delete
Reguler	Edit Delete

[#] IDH_PSTEMP

Highrise Cont	racting 🗸		Hello, kanix 🗸
Contractor Work Order R/	A Bills Reports Tools		
dvance And Debit Work Comple	tion debit browse Payment Schedule Template Labour Contro	Tax Schemes	
Add Other Charge Template			
Template Name	3BM WORK		
	Description		Percent
	AGAINST COMPLETION OF WORK	93.00	
	RETENTION	7.00	
ndia's first Construction ERP Softw	vare		Powered by Kanix Infotech Pyt Ltd

Path – H2K Contracting/ Payment Schedule Template /Payment Schedule Template

To Create New Payment Schedule Template:

- Step 1 Open 'Payment Schedule Template' & click on 'Add Payment Schedule Template' button to add new payment scheme.
- Step 2 Add name & percentage of predefined stages belonging to this scheme. Check that the summation of this stages 100%.
- Step 3 Click on 'Save' button to save this payment scheme.

A.1. Raise Work Order

Work Order is Legal document showing allotment of work to the contractor. Work Order contains task-details like its quantity, unit, rate, retention, service tax detail and general terms & conditions..

☐ Raise Work Order Work ⊂ ×	Contract	tor Contracto	r + ×	1									- 0 - ×
← → C 🗋 testserver:85	5/Highrise	Contracting	g/RaiseWor	kOrder.aspx									\$
Apps 🗋 testserver/highrise/	🗋 LocalWeb												
Raise Work Order													
Filter													
	Project Dem	no project			Q			Contractor	ABHIJIT CONSTR	UCTION		Q	
Labour C	ategory Bric	kWork			•			Labour	BBM Labour Work			Q	
	WBS All				Q								
						Search	Reset						
Add Work Order :													
										Show Rov	vs: 40 v Page	1 of 1 Go	
# Task	Labour	Unit Est.Qty	WO Qty	Specification	Rate List	Rate	Ret(%)	Service Tax	:(%) ST On (%)) VAT(%) VAT On (%) Paymen	t Schedule
compound work BBM E 230MM (CM 1:4)	BM Labour	Sq0000	0		Select Rate								*
W	O Type Sek	ect			•		1	New Work Order	Select	V Crei	ite New Revision		
W	O Date 28/06	6/2016						Valid Till	25/12/2016				
Commenceme	nt Date 28/06	6/2016						Completion Date	26/09/2016				
Max Adva	nce(%) 80							Max Retention					
Dedu	ict TDS Sele	ect			•		W	CT TDS Account	Select			•	
WCT TD	S on %						Serv	ice Tax Scheme	Select			•	
Work Ore	ser Title							Remark					
						Add New	Save						
						- Hou Hell							
India's first Construction ERP Softw	are.										Powered by	Kanix Infotech Pvt	Ltd.
lect Contractor Rates								a (X	
ABHIJIT CONSTRUCTION	BBM	7.0000	0.00	Net Rate C	support	1.000000	Sq. Mtr.	it.	Remark	Sq. Mtr.	0.0000	RMDetail_Id	
ABHIJIT CONSTRUCTION	DUUM	200.0000	0.00	0	swami.k	1.000000	Sq. Mtr.	Easy Work	Order generate	Sq. Mtr.	0.0000	1073	_
ABHIJIT CONSTRUCTION	BBM	195.0000	0.00	U	Swami.k	1.000000	Sq. mir.	FORS		Sq. Mtr.	0.0000	1072	
													1-
													<u>}</u>

Path: H2K Contract//Work Order/Raise Work Order

To Raise Work Order:

- Step 1 Select Project.
- Step 2 Select Category of labour & select labour from 'Select Labour' window.

[#] IDH_RAISEWO

- Step 3 As soon as we select the labour, window below shows all tasks [along with its estimated labour quantity], which have selected type of labour for selected project.
- Step 4 Type in all the details like WO Qty, Rate, Retention%, Service Tax, Payment Schedule.
- Step 5 Click on Select rate link and select appropriate Rate.
- Step 6 Select Work order Type
- Step 7 Enter all the dates & click in 'New Work Order' box incase of raising first timework order.
- Step 8 Click on save to save work order.
- Step 9 To make revision of already raised WO, tick in 'Make New Revision Box'. Then select the number [WO] in which you wish to revise & Click on save to save work order.

A.2. Work Completion:

It is process to measure quantum of work periodically. This is useful for generating R.A. Bill.

ork Completion	Work Completion	WO wise	Work Cor	mpletion B	lrowse	Quality Check	Departme	ntal Worl	e De	partmental Bill	s Departm	ental La	bour Browse DPR			
Work Completion	18															
⊟ Filter																
	Pi	roject -	Fraining Projec	t 1			٩				WB:	S Task	Select WBS Task			Q
	Labour Cate	egory	BrickWork				•				1.0	Labour	BBM 1st floor			Q
	Contr	actor	Select				Q				Work	Order	Select			Q
							_	Cont								
								Sean	m	Reset						
Work Comple	tion Entry															
															Page	1 of 1 Go
Ta: Nar	sk me	Pa Sc	iyment hedule	Total Qty	PS %	Cumulative Qty	Date	MB	WO Qty	Completion Percent	Cumulative	Exect By	ited Remark	k Attachment	s Details	
Construction Brick	work 6"	1.0:On C	ompletion	1000.00	100.00	500.00	28/06/2016	Ma	.00	.00		NA		Show	Ŧ	
Construction Brick	work 6"	3.0:On C	ompletion	500.00	100.00	400.00	28/06/2016	Ma	.00	.00		NA		Show	Ŧ	
Construction Brick	work 6''	7.0:On C	ompletion	100.00	100.00		28/06/2016	Ma	.00	.00		NA		Show	Ŧ	
Construction Brick	work 6"	9.0:On C	ompletion	100.00	100.00	10.00	28/06/2016	Ma	.00	.00		NA		Show	Ŧ	
									S	ave						
dia's first Constru	uction ERP Softwar	e.												P	owered by I	Kanix Infotech Pvt Ltd.

Path: H2K Site/ Work Completion/Work Completion

- To give Work Completion:
- Step 1 Select Project.
- Step 2 Select Labour Category / Labour.
- Step 3 Select proper work order (WO) & Click on Search.
- Step 4 Select MB (Measurement Book) and enter details of measurement. Use add row to add more lines and click back.
- Step 5 Work over quantity will automatically come from MB. Or Enter quantity of work completed in 'W.O. Qty.'
- Step 6 Enter the date, remark.
- Step 7 Click on 'SAVE' Button to SAVE this Quantity against that stage of WO.

[#] IDH_WRKCOMP

Highrise Contracting

A.3. Credit/Debit Notes, Advance Sanction/Recovery, Retention Release and Other Security:

- a) <u>Credit/Debit Note</u>: In accounts of bad quality of work, delay in work completion, etc., debits charged to the Contractor. Such debits deducted from R.A. Bills of Contractor. Also credit for good quality and timely completion of work etc. awarded.
- b) <u>Advance Sanction/Recovery</u>: Advance given to Contractor against his work completion & R.A. Bill due to reasons like Initial advance, Festival Advance, Demand by Contractor etc.

This advance is less/equal to total amount of work allotted to him & such advance get recovered through succeeding R.A. bills.

c) <u>Retention Release</u>: Retention is partial amount deducted from every R.A. bill of contractor in account of security from contractor for bad quality of work etc. The retention is normally fix percentage (i.e. 5%, 10%). Such retention releases to contractor only after 'Defect Liability Period'.

There is one additional field 'Other Security' for any special case. In case of with material contract –Divided type we can give advance to registered suppliers using material advance sanction option

d) Payment Release Advance : User can release payment for any perticula RA bill from here. The entry will get posted in accounts as Bank Payment or Cash payment..

Highrise Contracting	~		Hello	, kanix 🗸 🕅 KANIX
Contractor Work Order RA Bills	Reports Tools			
Advance And Debit Work Completion deb	it browse Payment Schedule Template Labour Control	Tax Schemes		
E Select				Back
Project Contractor	01_TEST PROJECT Q ABHIJIT CONSTRUCTION Q	Voucher No WO Order	3 Q	
E Summary				
Advance And Debit Entry				
Amount	500	Voucher Type	Advance Sanction	
Narration		Remark		
Debit/Credit Type	Mobilization Advance	Date	28/06/2016	
Bank Cash	ICICI BANK LTD			
		Save		

Path: H2K Contracting/Tools/Advance & Debit

#

[#] IDH_CREDITDEBIT

For Advance & Debits:

#

Step 1 Open 'Advance & Debit' window & select Project.

Step 2 Select Contractor & its Work Order No.

Step 3 Select voucher [Debit, Credit note, etc] and its type (debit/credit note type)

Step 4 Enter Amount.

Step 5 Enter Narration.

Step 6 Enter Date.

Click 'Save' button to save this 'Voucher'.

[#] IDH_ADVANCEANDDEBITBROWSE

A.4. Generate R.A. Bill:

Procedures of payment to the contractor as:

1) R.A. Bill (Running Account bill).

2) Full & final Bill.

But in case of 'Highrise', both of above called 'R. A. Bill'.

R.A. Bill (Running Account Bill) raised by the Contractor periodically or after completion of certain portion of task. As the account of contractor is not complete, it called as the Running Account Bill.

The final bill of the contractor after completion of the work called as 'FULL AND FINAL BILL'.

Before generating RA Bill make sure that you have entered work completion quantity for tasks under particular work order from site module. If you have not entered, click on 'Next' button, will not show any data to generate RA bill. Click on 'Next' button to see R.A. Bill screen.

Highrise	Contracting	~																	Н	ello, kanix 🗸	KANIX Indetects Port Line
ractor Work Ord	er RA Bills	Reports	Tools																		
rate RA Bill RA Bi	Browse Approv	ve RA Bill																			
Bill Generation																					
Filter																					
	Project	II SAMPLE PR	ROJECT II				Q					Contra	actor	ABHIJIT CO	NSTRUCTI	ON			Q	J	
	Work Order	1					Q					1	WBS	All					Q	.)	
								Sear	rch I	Reset											
Add Work Order :																					
	Bill Type	Running					•					Bill	Date	28/06/2016							
WC WO Id Det Co	ntractor T	Fask Pay Sche	ment edule PS	% Pret Qty	Prev Amt	Prev Ret	Date	Curr Qty	Rate	Curr Amt	Mat (C)	Debit (Quality)	Debit	Mat(C)Rate Var	Mat(C)Qty Var	Curr Ret	VAT	S Tax	Net Amt	Executed By	WC Reamrk
1280 2071 ABHIJ CONS	T TRUCTION	Test 115MM A 1:4)	100.0	000	0 0	.00	19/05/2016	100.0000	250.00	25000	0	0	0					1087.50	23750.00	ABHIJIT CONSTRUCTION	u .
1281 2071 ABHIJ	T TRUCTION	Test 115MM A 1:4)	100.0	000	0 0	.00	19/05/2016	10000.0000	250.00	2500000	0	0	0				10	8750.00	2375000.00		J
								Add	New	Save											

Path: H2K Contracting /R A Bill/Generate R A Bill

To generate R.A. Bill:

For 'Labour Contract'

- Step 1 Select Project, Contractor, & WO number & click 'Search' button.
- Step 2 In 'Select Completion Entry' window shows all that of completion entry against selected WO.
- Step 3 Click 'Save' to save this RA Bill.

[#] IDH_GENERATERA

A6. Approve R.A. Bill:

#

The R.A. Bill generated by Junior Level Staff, requires to approve it. Senior level people have rights to approve this generated R.A. Bill for better control on work, minimizing human error before it transfers to 'Account Department'.

Generated R.A. Bill can proceed further to 'Account' module for its payment.

Highrise Contracting	~		Hello, RaviVeAdmin 💊	KANIX Manager Pro Line
Contractor Work Order RA Bills	Reports Tools			
Generate RA Bill RA Bill Browse Approv	ve RA Bill			
RA Bill Approve				
🕀 Filter				
Project	Training Project 1 Q	WO No	10 9	
WO No + RA Bill No	10-1	Pending		
B Search Result				
Update Status				
Total Amount	5,600.00	+ Material Composite		
+ Credit	0.00	- Debit	0.00	
- Adv Rec	0.00	- Retention	0.00	
+ VAT	0.00	- Others	0.00	
+ S Tax	0.00	- Less WCT TDS	0.00	
- Less TDS		Net Amount		
Material Bill Credit		Service Tax (Service Receiver)	0.00	
Remarks	0			
		Approve		

Path: H2K Contracting /R A Bills/ R A Bill Approve

To approving R A Bills: Step 1 Select Project. Step 2 Select WO, WO No. + RA Bill No. Step 3 Click on 'Approve' button to approve selected R.A. Bill.

Note: Before Approving RA Bills 'Account Linkage' process must be over.

[#] IDH_APPROVERA

A.7.Ra Bill Configuration

Please find following RA bill Calculation Configurations (0, 1, 2, 3) available in Highrise. Please check with your accounts team and revert with final one.

Ra Bill Calculation Type: 0

	R.A. Bill no .1				
A	Fotal Bill amount				2000.00
В	S.T.		(On A)	12.36%	247.20
С	VAT		(On A)	0%	+0.00
D	Bill Amount	(A+B+C)			2247.20
E	Debit			-	500.00
F	Credit			+	0
G	Retention	(5% on A)	5%	-	100.00
Н	Adv. Recovery			-	500.00
I	Other			-	0
J	TDS	(2.% on (D)	2.%	-	44.94
к	Net Payable	(D-E+F-G-H-I-J)			1102.26

Ra Bill Calculation Type: 1

	R.A. Bill no. 1				
А	Total Bill amount				2500
В	Debit			-	500
С	Credit			+	0
D	Bill Amount	A-B+C			2000
E	S.T.	(12.36% on D)	12.36%	+	247.2
F	VAT	(4% on D)	0%	+	0
G	Retention	(5% on D+E or F)	5%	-	112.36
Н	Adv. Recovery			-	500
I	Other			-	0
J	TDS	(2.266% on D-H)	2.266%	-	33.99
к	Net Payable	(D+E+F-G-H-I-J)			1600.85

RABill Calculation Type: 2

	R.A. Bill no .1				
A	Total Bill amount			Γ	2500.00
В	Debit			-	500.00
С	Credit			+	0
D	Bill Amount	A-B+C			2000.00
E	S.T.	(12.36% on D)	12.36%	+	247.20
F	VAT	(4% on D)	0%	+	0
G	Retention	(5% on A)	5%	-	125.00
Н	Adv. Recovery			-	500.00
I	Other			-	0
J	TDS	(2.266% on D)	2.266%	-	45.32
к	Net Payable	(D+E+F-G-H-I-J)			1576.88

Ra bill Calculation Type: 3

	R.A. Bill no .1				
A	Total Bill amount	t			2500.00
В	Debit			-	500.00
С	Credit			+	0
D	Bill Amount	A-B+C			2000.00
Ε	S.T.	(12.36% on D)	12.36%	+	247.20
F	VAT	(4% on D)	0%	+	0
G	Retention	(5% on A)	5%	-	125.00
Н	Adv. Recovery			-	500.00
I	Other			-	0
J	TDS	(2.266% on D+E+F)	2.266%	-	50.92
К	Net Payable	(D+E+F-G-H-I-J)			1571.28

A.9. Service Tax Scheme –

Various service tax schemes can be defined from here. First organization type has to be defined like Pvt. Ltd. Or Proprietor or Partnership firm etc.



Path: H2K Contracting/ Tools / Tax Scheme

[#] IDH_STS



Accordingly you can create different service tax schemes to separate service tax percentage for provider and receiver.

Organization Type Individual	Organization Type and Service Tax Sch	eme Service Tax Account Link	
50%-50%	Individual->50%-50%		
NO TAX individual		RA Bill O Retention Bill	
Company	Select Company	01Constructions	•
	Service Provider Service Tax Account Name	Select	
	Service Provider Education Cess Account Name	Select	•
	Service Provider Higher Education Cess Account Name	Select	•
	Service Provider Swachh Bharat Cess Account Name	Select	*
	Service Receiver Service Tax Account Name	Select	¥
	Service Receiver Education Cess Account Name	Select	7
	Service Receiver Higher Education Cess Account Name	Select	
	Service Receiver Swachh Bharat Cess Account Name	Select	
	Service Tax Provision Account Name	Select	
	Service Tax Provision Education Cess Account Name	Select	•
	Service Tax Provision Higher Education Cess Account Name	Select	π.
	Service Tax Provision Swachh Bharat Cess	Select	*

After creation of Service tax scheme, it need to assign the account ledgers for service tax for receiver, provider and for Provision. The account posting will do accordingly.

CHAPTER 3: REPORTS

There are numbers of reports generated from 'Contract Module' as follow: #

A. Contractor List

This report gives us database of Contractor List [i.e. Name of Contractor, Firm, Address, Phone etc].

Highrise Contracting	~				Hello, kanix 🗸 🕅	X
Contractor Work Order RA Bills Reports	Reports Tools					
Contractor	Contractor Report					
Payment Details				Contrac	tor Report	
	Library SAMPLE LIBRARY		۲			
	Aluminium Work	Extra Aminities	Internal Plaster	Pest Control	Site Preperation	
	Crusher	Finishing	Lifts Mesonary work	Plumbing	Structural steel Superstructure	
	Door work	Foundation	Miscellaneous P.O.P. Work		TestCat Water Proofing	
	Electrification	Glazing Work	Painting	ROAD WORK Services	Wood Work	
	External Plaster	I.P.S.	PCC	Site Preparation	□ XYZ	
				Print Al		
				Print Al	2000	

B. RA Bill

This report gives Ra Bill Summary and Ra bill Printing

Highrise Contracting	~			Hello, kanix 🗸 KAND	4
Contractor Work Order RA Bills Reports	Reports Tools				
Contractor	Labour Summary	RA Bill Printing	WPC	MPC	-
RA Bill Payment Details			RA Bill Printing		
	Project	II SAMPLE PROJECT II	Contractor Select	٩	
	WO No	1 Q	Executed By	•	
	RA Bill No				1
					1
			Print		1

[#] IDH_CONTLIST2

C. **Payment Details** This report gives Payment Detail Reports.

Highrise Contracting	~				Hello, kanix 🗸 🥻
tractor Work Order RA Bills	Reports Tools				
Contractor	Rabill Payment summary	Rabill Payment details	Rabill Payment date tracking	Rabill Payment ageing	
A Bill ayment Details		Rabill F	Payment summary		
ā.	Project List (1 Selected)				Add Project
	II SAMPLE PROJECT II	Name		Remove	Action
	Contractor ABHI		From Date 08/06/2016		
	To Date 28/06	/2016	Executed By	•	
			Print		

D. Work Order Browse -

The work orders generated are available on this window for browse, Approved, Cancel, Foreclosed, and Completed.

Intractor Work Order RA Bills	Reports Tools				
oour Rate Master Raise Work Order	Work Order Browse				
VO Browse					
🗏 Filter					
Project	Demo project	٩	WBS Filter All	Ľ	٩
Labour	Select	٩	Contractor S	elect	٩
WO No	Select	٩	WO Revision		•
From Date	28/05/2016		To Date 29	V06/2016	
Work Order Type	Select		Status	-Select	•
E Search Result					
E Update Status					
Select Status	Select- -Select- Approved Cancelled Completed Foreclose		Status Change Remark Update Status		

Path: H2K Contracting /Work Order/Work Order Browse

To define task wise requisition:

- Step 1 Select Project.
- Step 2 Select Work Order and Revision, click on Refresh.
- Step 3 Select the rows we wish to approve or click on Entire WO
- Step 4 Select the appropriate option from status list.
- Step 5 Click on 'Update Status'

[#] IDH_WOBROW

E. RA Bill Browse -

tractor Work	Order RA Bills	Reports	Tools				
erate RA Bill R	A Bill Browse App	rove RA Bill					
Bill Browse							
l Filter							
	Projet	st Select		Q	WBS Filter	All	٩
	Contracto	Select		٩	Labour	Select	٩
	WO N	o Select		9	WO Revision	Select	•
	RA BILN	oSelect			Executed By	Select	9
	From Dat	e 28/05/2016			To Date	29/06/2016	
	Statu	s Al		•			
				Sea	rch Reset		
Search Result							

Path: H2K Contracting /Reports/RA Bill Browse

A raised RA Bills can be browsed / viewed from this window. Project-wise, Contractor-wise, Bill no wise, Date Period-wise filters we can apply to view the details.

[#] IDH_RABILLBROW

CHAPTER 4: PRACTICAL ASSIGNMENTS

- A. Create new contractor having following details:
 - Name: 'Om Construction'
 - Owner: Viswas Patil
 - Adderss: S.no-20, Pune.
 - Contact:

#

- Phone 020-24363640
- Fax 020- 24359640
- Mobile 9823024945
- Legal:
- C.S.T. 25-1254-2005
- L.S.T. 20-1250-2004
- I.T. 405/12/PUN
- Other:
- Register Date: 23-5-2005
- Credit Capacity: 30 Days
- Grading: A
- B. Fill the Rate Master Having following Details:
 - Rename 'New Rate' by 'RCC'
 - Labour name 'LABOUR FOR RCC SLAB M20'
 - Contractor = 'Om Construction'
 - Rate = 50
 - Credit = 30 days
- F. Make 'Payment Schedule Scheme' in Payment Template having following detail:
 - Payment Template name = 'RCC SLAB'
 - Stage = 1) Fitter Work-25%
 - 2) Shuttering Work-40%
 - 3) Concreting Work-35%
- G. Raise Work Order having following details,
 - Project = 'World Trade Centre'
 - Labour Name = LABOUR FOR RCC SLAB M20
 - Quantity of work = 500 sft
 - Name of contractor = Om Construction
 - Retention = 5%
 - VAT = 4%
 - Service Tax = 12.5%
 - Payment Template name = 'RCC SLAB' [From Ex no-3]
 - Type of work order = NEW

[#] IDH_ASSIGNMENTS

- F. Give Work completion having following Details:
 - Project = 'World Trade Centre'
 - Labour Name = LABOUR FOR RCC SLAB M20
 - Task name = 1 ST FLOOR SLAB
 - Stage = Fitter Work-25%
 - Work completion Quantity = 250 sq.ft.
 - Work completion Date = 12-5-2006
- G. Generates RA Bill having following Details:
 - Project = 'World Trade Centre'
 - Name of contractor = Om Construction
 - Work Order No 1
- H. Approve RA Bill which generated in Pt. F.



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